

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

357' FNL, 861' FEL (NE1/4NE1/4) Section 9, T9S, R22E

At proposed prod. zone

Same As Above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately Twelve (12) Miles South/Southeast of Ouray, UT

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest dir. unit line, if any)

357'

16. NO. OF ACRES IN LEASE

870.72

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1100'±

19. PROPOSED DEPTH

5950' WSTC

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4859' GR

22. APPROX. DATE WORK WILL START*

May 1, 1992

23.

(ALL NEW)

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" K-55	24.0#	0- 250'	180 sx Circ. to Surface *
7-7/8"	5-1/2" K-55	17.0#	0-5950'	545 sx Circ. to Surface *

* Cement volumes may change due to hole size.
Calculate from Caliper log.

FEB 07 1992

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED.

DIVISION OF
OIL GAS & MINING

I hereby certify that Coastal Oil & Gas Corporation is authorized by the proper Lease Interest Owners to conduct lease operations associated with this Application for Permit to Drill the NBU #172, Federal Lease # UTU-0284. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation, Nationwide Bond # CO-0018, who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this Application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Charles E. Mowry
Charles E. Mowry

TITLE District Drilling Manager Jan 30, 1992

(This space for Federal or State office use)

PERMIT NO.

43-047-30194

APPROVAL DATE

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE: 2-18-92

BY: *[Signature]*

WELL SPACING: 649-2-3

*See Instructions On Reverse Side

T9S, R22E, S.L.B.&M.

Utah County
Cap 5/8" Rebar
Marked
Set Stone
Steel Post 3' NWy

N89°49'52"E - 4869.68' (Meas.)

Set Stone
Pile of Stones
2' West

NBU #172

Elev. Ungraded Ground - 4859'

Lot 1

Lot 2

Lot 3

Lot 4

19

N89°59'E - 73.88 (G.L.O.)

2634.83' - (Measured)
N0°03'W G.L.O. (Basis of Bearings)

N0°03'W - (G.L.O.)

Marked
Set Stone
Pile of Stones
4' West

357'
861'

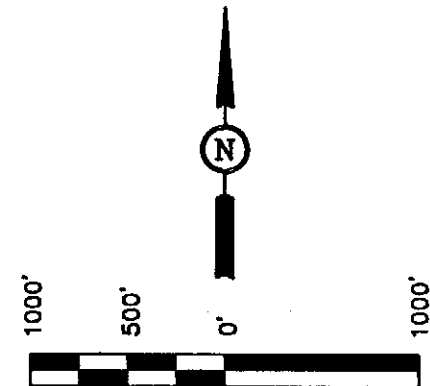
NORTH - (G.L.O.)

COASTAL OIL & GAS CORP.

Well location, NBU #172, located as shown in the NE 1/4 NE 1/4 of Section 19, T9S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

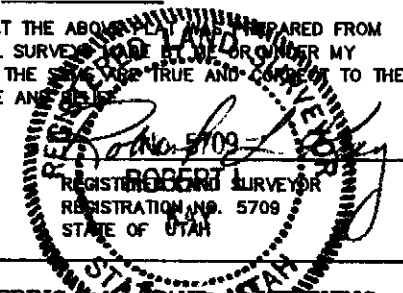
BENCH MARK 23 EAM 1964 LOCATED NEAR A ROAD IN THE NW 1/4 OF SECTION 19, T9S, R22E, S.L.B.&M. TAKEN FROM THE REDWASH SW QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4904 FEET.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



UINTAH ENGINEERING & SURVEYING
85 SOUTH 200 EAST - VERNON, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE 10-25-91
PARTY J.F. C.Y. MDA	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE COASTAL OIL & GAS CORP.

▲ = SECTION CORNERS LOCATED.

COASTAL OIL & GAS CORPORATION
Lease #UTU-0284, NBU #172
NE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 19, T9S, R22E
Uintah County, Utah

Drilling Prognosis

1. Estimated Tops of Important Geologic Markers:

Uinta	Surface	Wasatch	4860'
Green River	1360'	Total Depth	5950'

2. Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:

Wasatch	4860'	Gas (Primary Objective)
---------	-------	-------------------------

If any shallow water zones are encountered, they will be adequately protected and reported; none anticipated. All potentially productive hydrocarbon zones will be cemented off.

3. Pressure Control Equipment: (Schematic Attached)

A. Type: 11" Double Gate Hydraulic.

The Blow-Out Preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Kill line (2-inch minimum).
4. One (1) kill line valve (2-inch minimum).
5. One (1) choke line valve.
6. Two (2) adjustable chokes.
7. Upper kelly cock valve with handle available.
8. Safety valve & subs to fit all drill strings in use.
9. 2-inch (minimum) choke line.
10. Pressure gauge on choke manifold.

B. Pressure Rating: 2,000 psi

C. Testing Procedure:

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

3. Pressure Control Equipment:

C. Testing Procedure: Continued

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day.

All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to close all BOP's and retain 200 psi above precharge. Nitrogen bottles which meet the manufacturer's specifications will be used as the backup to the required independent power source. The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in Onshore Operating Order #2.

F. Special Drilling Operations:

In addition to the equipment already specified in Items A through E, above, the following equipment will be in place and operational during air/gas drilling:

1. Properly lubricated and maintained rotating head.
2. Spark arresters on engines or water cooled exhaust.
3. Bloopie line discharge 100 feet from well bore and securely anchored (not required for aerated water system).

3. Pressure Control Equipment:

F. Special Drilling Operations: Continued

4. Straight run on blooie line.
5. Deduster equipment (not required for aerated water system).
6. All cuttings and circulating medium(s) shall be directed into a reserve or blooie pit.
7. Float valve above bit.
8. Automatic igniter or continuous pilot light on the blooie line (not required for aerated water system).
9. Compressors located in the opposite direction from the blooie line and at a minimum of 100 feet from the well bore.
10. Mud circulating equipment, water, and mud materials (does not have to be pre-mixed) sufficient to maintain the capacity of the hole and circulating tanks or pits.

G. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of Onshore Operating Order #2.

The choke manifold and BOP extension rods with hand wheels will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller.

Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 100 feet (minimum) from the center of the drill hole to a separate flare pit, if required.

4. The Proposed Casing and Cementing Program:

A. Casing Program (All New)

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt./Ft.</u>	<u>Grade</u>	<u>Joint</u>	<u>Depth Set</u>
12-1/4"	8-5/8"	24.0#	K-55	ST&C	0- 250'

4. The Proposed Casing and Cementing Program:

A. Casing Program - Continued

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt./Ft.</u>	<u>Grade</u>	<u>Joint</u>	<u>Depth Set</u>
7-7/8"	5-1/2"	17.0#	K-55	LT&C	0-5950'

Casing string(s) will be pressure tested to 0.22 psi per foot, or 1500 psi (not to exceed 70% of the internal yield strength of the casing), whichever is greater, after cementing and prior to drilling out from under the casing shoe.

B. Cementing Program

Surface Casing : Cement with approximately 180 sx Class "G" cement + additives, circulated to surface with 100% excess.

Production Casing : Lead with approximately 350 sx Halliburton Silica "Lite" cement with 4% Gel, 4% CaCl₂, 0.3 % Halad-413 and 2.0#/sx Granulite TR; tail with approximately 195 sx Class "G" cement + additives. Cement will be circulated back to surface with 30% excess.

Actual cement volumes to be required will be determined from the caliper log.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

5. Mud Program: (Visual Monitoring)

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0-1500'	Air/Mist	-----	-----	-----
1500-5950'	Aerated Water	-----	-----	-----

Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations.

5. Mud Program: Continued

The surface hole will be drilled with an air mist system, injecting water at the rate of 15-20 gallons/minute, until the lost circulation zone is reached at 1,500' (+/-). At that point, Coastal Oil & Gas Corporation will switch to an aerated water system, utilizing the rig pumps to inject water at a rate of 190 gallons/minute to total depth.

6. Evaluation Program:

Logs : DIL-Caliper : 5950' - Surface
FDC-CNL : 5950' - 1500'

DST's : None anticipated.

Cores : None anticipated.

The proposed evaluation program may change at the discretion of the well site geologist, with prior approval from the Authorized Officer, Bureau of Land Management.

Stimulation : No stimulation or frac treatment has been formulated for this test at this time. The drill site, as approved, will be of sufficient size to accommodate all completion activities.

Whether the well is completed as a dry hole or as a producer, Well Completion and Recompletion Report and Log (Form 3160-4) will be submitted to the Book Cliffs Resource Area Office not later than thirty (30) days after the completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164.

Two (2) copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer, Book Cliffs Resource Area Office, Bureau of Land Management, 170 South 500 East, Vernal, Utah 84078, Phone: (801) 789-1362.

7. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered in or known to exist from previous wells drilled to similar depths in the general area.

Maximum anticipated bottom hole pressure equals approximately 2,767 psi (calculated at 0.465 psi/foot) and maximum anticipated surface pressure equals approximately 1,458 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates and Notification of Operations:

A. Drilling Activity

Anticipated Commencement Date : May 1, 1992
Drilling Days : Approximately 10 Days
Completion Days : Approximately 7 days

B. Notification of Operations

The Book Cliffs Resource Area Office, Bureau of Land Management will be notified at least twenty-four (24) hours PRIOR to the commencement of the following activities:

1. Spudding of the well. This oral report will be followed up with a Sundry Notice (Form 3160-5);
2. initiating pressure tests of the blow-out preventer and related equipment;
3. running casing and cementing of ALL casing strings.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in suspended status without prior approval of the Authorized Officer. If operations are to be suspended, prior approval of the Authorized Officer will be obtained and notification given before resumption of operations.

8. Anticipated Starting Dates and Notification of Operations:

B. Notification of Operations - Continued

In accordance with Onshore Operating Order #1, this well will be reported on MMS Form 3160-6, "Monthly Report of Operations", starting with the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with the Royalty Management Program, Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217.

Immediate Report: spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the provisions of NTL-3A or its current revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed for prior approval of the Authorized Officer, and all conditions of this approved plan will be applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the Authorized Officer will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication no later than five (5) business days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the Authorized Officer, produced water may be temporarily disposed of into the reserve pit for a period of up to ninety (90) days. During this period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the Authorized Officer.

Pursuant to NTL-4A, lessees and operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of thirty (30) days or the production of fifty (50) MMCF of gas, whichever occurs first. An application must be filed with the Authorized Officer, and approval received, for any venting/flaring of gas beyond the initial thirty (30) day or otherwise authorized test period.

8. Anticipated Starting Dates and Notification of Operations:

B. Notification of Operations - Continued

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the Vernal District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within fifteen (15) days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the Authorized Officer. In the case of newly-drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the Authorized Officer.

A "Notice of Intention to Abandon" (Form 3160-5) will be filed with the Authorized Officer within fifteen (15) days following the granting of oral approval to plug and abandon.

Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. The following information will be permanently placed on the marker with a plate, cap, or beaded-on with a welding torch: "Fed" or "Ind", as applicable; Company Name, Well Name and Number, Location by Quarter/Quarter, Section, Township, Range, and Federal or Indian Lease Number.

A "Subsequent Report of Abandonment" (Form 3160-5) will be submitted within thirty (30) days following the actual plugging of the well bore. This report will indicate where plugs were placed and the current status of surface restoration operations. If surface restoration has not been completed at that time, a follow-up report on Form 3160-5 will be filed when all surface restoration work has been completed and the location is considered ready for final inspection.

Coastal Oil & Gas Corporation
NBU #172
Drilling Prognosis
Page 9

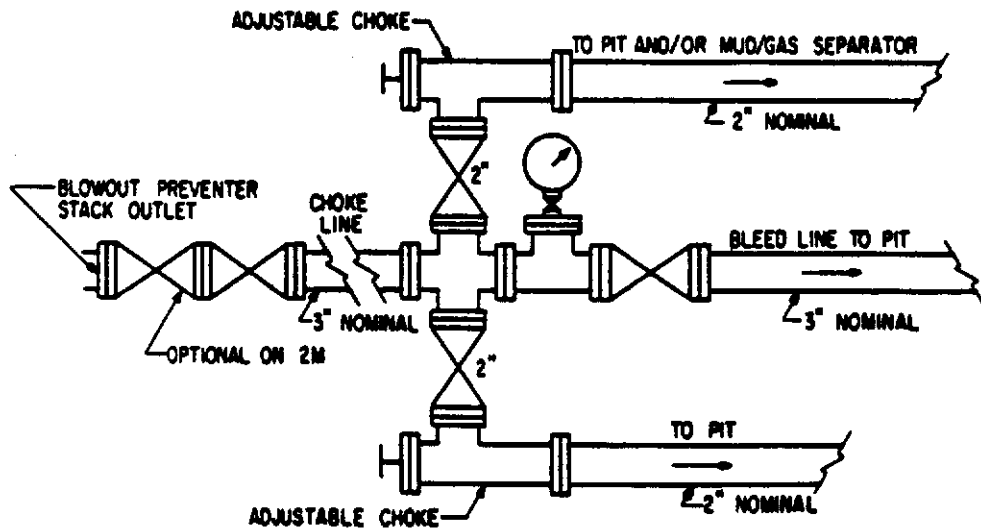
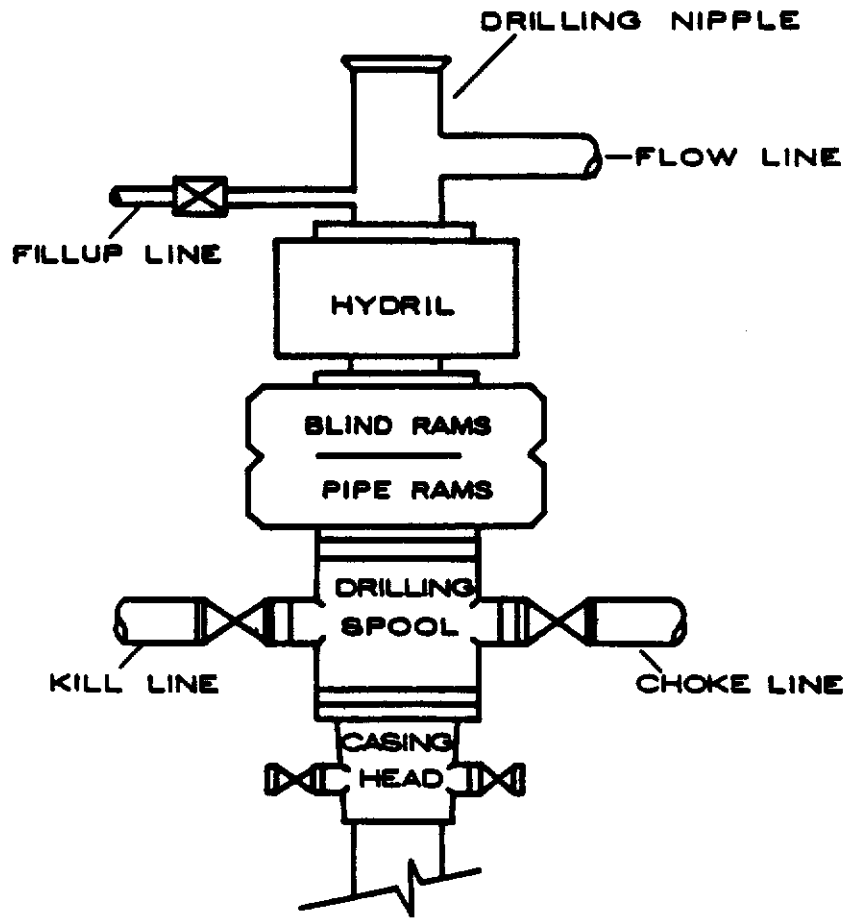
8. Anticipated Starting Dates and Notification of Operations:

B. Notification of Operations - Continued

Final abandonment will not be approved until the surface reclamation work required by the approved Application for Permit to Drill has been completed to the satisfaction of the Authorized Officer or his representative, or the appropriate Surface Management Agency.

Pursuant to Onshore Operating Order #1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in such a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal and Indian lands.

BOP STACK



COASTAL OIL & GAS CORPORATION
Lease #UTU-0284, NBU #172
NE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 19, T9S, R22E
Uintah County, Utah

Multi-Point Surface Use and Operations Plan

1. Existing Roads: Refer to Maps "A" & "B" (shown in ORANGE)
 - A. The proposed well site is staked and four 200-foot reference stakes are present.
 - B. To reach the location from the town of Vernal, Utah; proceed generally southwest approximately 14.0 miles on U.S. Highway 40 (a paved U.S. highway), thence generally south approximately 17.0 miles on Utah Highway 88 (a paved state highway) to the community of Ouray, thence generally south approximately 6.9 miles on the Seep Ridge Road (an existing, upgraded Uintah County road), thence generally east approximately 5.0 miles on an existing, upgraded oilfield road (crowned & ditched with a gravel surface), thence generally north approximately 0.3 miles on an existing, upgraded oilfield road (crowned & ditched with a gravel surface), thence generally east/northeast approximately 5.4 miles on the Mountain Fuel Pipeline Road (an existing, upgraded oilfield road; crowned & ditched with a gravel surface), thence generally south/southeast approximately 0.6 miles on an existing, upgraded oilfield road (crowned & ditched with a gravel surface), thence generally north/northeast approximately 0.2 miles on an existing, upgraded oilfield road (crowned & ditched with a gravel surface) to the NBU #23 producing well location, thence generally north/northeast approximately 0.2 miles to the proposed NBU #172 well location.
 - C. Access roads - refer to Maps "A" and "B".
 - D. Access roads within a one (1) mile radius - refer to Map "B".
 - E. The existing gravel roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the NBU #172 well location.
2. Planned Access Roads: Refer to Map "B" (Shown in GREEN)

Approximately 0.2 miles of new road construction will be required for access to the proposed NBU #172 well location.

 - A. Width - maximum 30-foot overall right-of-way with an 18-foot road running surface, crowned & ditched.

2. Planned Access Roads: Continued

- B. Construction standard - the access road will be constructed in accordance with Bureau of Land Management Roading Guidelines established for oil and gas exploration and development activities as referenced in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition.

The access road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements and will include ditching, draining, graveling, crowning, and capping the roadbed as deemed necessary to provide a well constructed and safe road.

Prior to construction, the roadway shall be cleared of any snow cover and allowed to dry completely.

Traveling off of the thirty (30) foot right-of-way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type, shall be designed so that they will not cause siltation or the accumulation of debris in the drainage crossing, nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

Should mud holes develop, they shall be filled in and detours around them avoided.

- C. Maximum grade - 5%.
- D. Turnouts - turnouts will be constructed along the access route as necessary or required to allow for the safe passage of traffic. None anticipated at this time.
- E. Drainage design - the access road will be crowned, ditched, and water turnouts installed as necessary to provide for proper drainage along the access road route.
- F. Culverts, cuts and fills - no culverts will be required. There are no major cuts and/or fills on/along the proposed access road route.

2. Planned Access Roads: Continued

- G. Surface materials - any construction materials which may be required for surfacing of the access road will be purchased from a local contractor having a permitted source of materials in the area, if required by the Authorized Officer, Bureau of Indian Affairs. None anticipated at this time.
- H. Gates, cattleguards or fence cuts - none required.
- I. Road maintenance - during both the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards.

All drainage ditches and culverts will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during all operations.

- J. The proposed access road has been centerline staked.

3. Location of Existing Wells Within a One-Mile Radius:

Please Refer to Map "C"

- A. Water wells - none known.
- B. Abandoned wells - SW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 17, T9S, R22E.
NW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 19, T9S, R22E.
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - SW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 17, T9S, R22E.
SW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 17, T9S, R22E.
NW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 18, T9S, R22E.
SW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 18, T9S, R22E.
SE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 19, T9S, R22E.
NW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 20, T9S, R22E.
SE $\frac{1}{4}$ SW $\frac{1}{4}$, Section 20, T9S, R22E.
SW $\frac{1}{4}$ NE $\frac{1}{4}$, Section 20, T9S, R22E.
- G. Shut-in wells - none known.
- H. Injection wells - none known.
- I. Monitoring wells - none known.

4. Location of Existing and/or Proposed Facilities Owned by Coastal Oil & Gas Corporation Within a One-Mile Radius:

A. Existing

1. Tank batteries - SW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 17, T9S, R22E.
NW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 18, T9S, R22E.
SW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 18, T9S, R22E.
SE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 19, T9S, R22E.
NW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 20, T9S, R22E.
SE $\frac{1}{4}$ SW $\frac{1}{4}$, Section 20, T9S, R22E.
2. Production facilities - same as Item #4A1, above.
3. Oil gathering lines - none.
4. Gas gathering lines - same as Item #4A1, above.

B. New Facilities Contemplated

1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the back-slope or top of the fill slope.
2. The production facilities (consisting primarily of a christmas tree at the well head, dehydration unit, and emergency pit) will require an area approximately 300' X 135'.

A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via "Sundry Notice" (Form #3160-5) for approval of subsequent installation operations.

3. Production facilities will be accommodated on the existing well pad. Construction materials required for installation of the production facilities will be obtained from the site; any additional materials required will be purchased from a local supplier having a permitted (private) source of materials within the area.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

4. Location of Existing and/or Proposed Facilities Owned by Coastal Oil & Gas Corporation Within a One-Mile Radius:

B. New Facilities Contemplated - Continued

4. All permanent (on-site for six months or longer) above-the-ground structures constructed or installed including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Five (5) State Rocky Mountain Interagency Committee.

All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

The required paint color is Carlsbad Canyon, Munsell standard color number 2.5Y 6/2.

- C. The production (emergency) pit will be fenced with woven wire mesh topped with one (1) strand of barbed wire held in place with metal side posts and wooden corner "H" braces in order to protect both livestock and wildlife. Please refer to Item #9E (page #9) for additional information regarding these fencing specifications.
- D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.
- E. Reclamation of disturbed areas no longer needed for operations will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer, Bureau of Indian Affairs.

5. Location and Type of Water Supply:

- A. Fresh water for drilling will be obtained from an existing water well and reservoir: Uintah #1, owned by Target Trucking, Inc. and located in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 16, Township 10 South, Range 21 East, Uintah County, Utah; permit #49-991 (A57530).
- B. Water will be transported over existing roads via tank truck from the point of diversion to the proposed NBU #172 well location.

5. Location and Type of Water Supply: Continued

- B. No new construction will be required on/along the proposed water haul route. Access roads which cross off-lease Tribal lands on/along the proposed water haul route will be authorized under a separate Right-of-Way Grant/Special Use Permit to be obtained from the Uintah and Ouray Ute Indian Tribes and/or the Bureau of Indian Affairs prior to commencement of operations, if required.
- C. No water well will be drilled on this location.

6. Source of Construction Materials:

- A. Construction materials needed for surfacing of the well pad will be obtained from a local contractor having a permitted (private) source of materials in the area. Refer to Item #2G (page #3) regarding any construction materials which may be required on the access road.
- B. No construction materials will be taken from Federal and/or Indian lands without prior approval from the appropriate Surface Management Agency.
- C. If production is established, any additional construction materials needed for surfacing the access road and installation of production facilities will be purchased from a local supplier having a permitted (private) source of materials in the area.
- D. No new access roads for construction materials will be required.

7. Methods of Handling Waste Materials:

- A. Cuttings - the cuttings will be deposited in the reserve/blooiie pit.
- B. Drilling fluids - including salts and chemicals will be contained in the reserve/blooiie pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within ninety (90) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon receipt of a written request from Coastal Oil & Gas Corporation.

7. Methods of Handling Waste Materials: Continued

- B. Drilling fluids - the reserve pit will be constructed so as not to leak, break, or allow discharge.
- C. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to a lined pit (reserve pit) or storage tank for a period not to exceed ninety (90) days after initial production.

During this ninety (90) day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted to the Authorized Officer for approval. Failure to file an application within the time frame allowed will be considered as an incidence of noncompliance.

Any spills of oil, gas, salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

- D. Sewage - self-contained, chemical toilets will be provided by Rocket Sanitation for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped and the contents thereof disposed of in the nearest, approved, sewage disposal facility.
- E. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.
- F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location. Any open pits will be fenced during the drilling operation and the fencing will be maintained until such time as the pits are backfilled.
- G. The reserve and/or production pit will be constructed on the existing location and will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls.

7. Methods of Handling Waste Materials: Continued

- G. All pits will be constructed so as not to leak, break, or allow the discharge of liquids therefrom.

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

- A. Figure #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location. An average minimum of twelve (12) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles.
- B. Figure #1 is a diagram showing the rig layout. No permanent living facilities are planned. There will be one (1) trailer on location during drilling operations for the toolpusher.
- C. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via Sundry Notice (Form #3160-5) for approval of subsequent operations. Refer to Item #4B2 (page #4) for additional information in this regard.
- D. The reserve pit will be lined with either native clay, commercial bentonite, or plastic sufficient to prevent seepage.

If a plastic-nylon reinforced liner is used, it will be a minimum of 12 mil in thickness with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls, extend under the mud tanks, and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc. that could puncture the liner will be disposed of in the reserve pit.

A flare/bloolie pit will be constructed adjacent to the location, southwest of and separate from the reserve pit, and at a minimum of thirty (30) feet from the reserve pit fence and one hundred (100) feet from the rig substructure (Refer to Figure #1 for the location of the flare/bloolie pit).

9. Wellsite Layout: Continued

- E. Prior to the commencement of drilling operations, the reserve pit will be fenced "sheep tight" on three (3) sides according to the following minimum standards:
1. 39-inch net wire shall be used with at least one (1) strand of barbed wire on top of the net wire. The barbed wire is not necessary IF pipe or some type of reinforcement rod is attached to the top of the entire fence.
 2. The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least 42 inches.
 3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
 4. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen feet.
 5. All wire shall be stretched tight before the wire is attached to the corner braces. Pulling the wire tight by hand without the use of a stretching device will not be acceptable.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

- F. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed.

10. Plans for Reclamation of the Surface:

The Ute Tribe will be contacted prior to commencement of any reclamation operations.

A. Production

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production.

10. Plans for Reclamation of the Surface:

A. Production - Continued

2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
3. Before any dirt work to restore the location takes place, all standing water will be removed from the reserve pit, along with all cans, barrels, pipe, etc. that may have been deposited therein during the course of drilling and completion operations.
4. Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.
5. The reserve pit and that portion of the location and access road not needed for production facilities and/or operations will be reclaimed within ninety (90) days from the date of well completion, weather permitting.

Prior to commencement of backfilling, the plastic or vinyl liner will be folded back into the pit. Fill material will then be pushed into the reserve pit to completely cover both the pit and it's contents.

6. In order to prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will result in the ground surface over said pit being "mounded" above the surrounding ground surface (+/- three feet) to allow the reclaimed pit surface area to drain properly.
7. For production, the fill slopes will be reduced from a 1.5:1 slope to a 3:1 slope and the cut slopes will be reduced from a 1.5:1 slope to a 3:1 slope by pushing the fill material back up into the cut.
8. Upon completion of backfilling, leveling and re-contouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to re-seeding, all disturbed surfaces (including the access road and location) will be scarified and left with a rough surface.

10. Plans for Reclamation of the Surface:

A. Production - Continued

8. No depressions will be left that would trap water and form ponds.

All disturbed surfaces (including the access road and well pad areas) will be reseeded with a seed mixture to be recommended by the Authorized Officer, Bureau of Indian Affairs. Seed will be drilled on the contour to an approximate depth of one-half (1/2) inch. All seeding will be conducted after September 15 and prior to ground frost. If the seeding is unsuccessful, Coastal Oil & Gas Corporation may be required to make subsequent seedings.

B. Dry Hole/Abandoned Location

1. On lands administered by the Bureau of Indian Affairs, abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include:
 - (a) re-establishing irrigation systems where applicable,
 - (b) re-establishing soil conditions in irrigated fields in such a way as to ensure cultivation and harvesting of crops and,
 - (c) ensuring revegetation of the disturbed areas to the specifications of the Uintah & Ouray Indian Tribes or the Bureau of Indian Affairs at the time of abandonment.
2. All disturbed surfaces will be recontoured to the approximate natural contours with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Please refer to Item #10A5-6 (page #10) for information regarding reclamation of the reserve pit area.

Reseeding operations will be performed in the fall following completion of reclamation operations. Please refer to Item #10A8 (page #10) for additional information regarding the reseeded operation.

11. Surface Ownership:

The well site and proposed access road are situated on surface lands owned by the Uintah and Ouray Ute Indian Tribes and administered in trust by:

Bureau of Indian Affairs
Uintah & Ouray Agency
P.O. Box 130
Fort Duchesne, Utah 84026
Phone: (801) 722-2406

12. Other Information:

- A. General Description of the Project Area: The proposed drill site is located within the Natural Buttes Unit in an area of northeastern Utah and more specifically in an area of moderately eroded uplands located between the White River to the north (and east), Cottonwood Wash to the west, Molly's Nipple to the north/northwest, Willow Creek to the west, and Sand Wash to the south/southeast.

This area is classified as a "High Plains Steppe" (Cold Desert) and is characterized by gently to moderately undulated uplands dissected by numerous dendritically-patterned, ephemeral drainages of both the Green and White Rivers. Local flora consists primarily of native grasses such as salt grass, galleta grass, needle-and-thread grass, Indian ricegrass; and woody species such as shadscale, horsebrush, black sagebrush, fringe sagebrush, big sagebrush, rabbitbrush, and greasewood along the dry drainages. Local fauna consists primarily of mule deer, antelope, coyotes, rabbits, raptors, and various smaller vertebrate and invertebrate species.

There are no known threatened or endangered species that will be affected by implementation of operations on the proposed NBU #172 well location.

- B. Surface Use Activities: The primary surface use is for grazing.
- C. Proximity of Water, Occupied Dwellings, Archaeological, Historical or Cultural Sites:
1. The closest source of permanent water is the White River, located approximately one (1) mile to the east of the proposed well location.

12. Other Information:

C. Proximity of Water, Occupied Dwellings, Archaeological, Historical or Cultural Sites: Continued

2. The closest occupied dwellings are located in the community of Ouray, approximately twelve (12) miles to the west/northwest of the proposed well location.
3. A cultural resource clearance will be conducted before any construction activities begin on the proposed NBU #172 well location.

If, during operations, any archaeological or historical sites, or any object(s) of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites are to be suspended and the discovery reported promptly to the Bureau of Indian Affairs.

Coastal Oil & Gas Corporation will be responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites or for collecting artifacts.

If historic or archaeological materials are uncovered, Coastal Oil & Gas Corporation will suspend all operations that might further disturb such materials and immediately contact the Authorized Officer.

Within five (5) working days the Authorized Officer will inform Coastal Oil & Gas Corporation as to:

- whether the materials appear eligible for the National Register of Historic Places;
- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and

12. Other Information:

C. Proximity of Water, Occupied Dwellings, Archaeological, Historical or Cultural Sites: Continued

3. Within five (5) working days the Authorized Officer will inform Coastal Oil & Gas Corporation as to:

- a time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If Coastal Oil & Gas Corporation wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, Coastal Oil & Gas Corporation will be responsible for mitigation costs.

The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that the required mitigation has been completed, Coastal Oil & Gas Corporation will then be allowed to resume construction.

D. Additional Stipulations for Operations on Lands Administered by the Bureau of Indian Affairs:

1. If the surface rights are owned by the Ute Indian Tribe and mineral rights are owned by another entity, an approved right-of-way will be obtained from the Bureau of Indian Affairs before the operator begins any construction activities. If the surface is owned by another entity and the mineral rights are owned by the Ute Indian Tribe, rights-of-way will be obtained from the other entity.
2. All roads constructed by oil and gas operators on the Uintah & Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction.

12. Other Information:

D. Additional Stipulations for Operations on Lands
Administered by the Bureau of Indian Affairs: Continued

2. These signs will state:

- (a) that the land is owned by the Uintah & Ouray Indian tribes,
- (b) the name of the Operator,
- (c) that firearms are prohibited by all non-Tribal members,
- (d) that permits must be obtained from the Bureau of Indian Affairs before cutting firewood or other timber products, and
- (e) only authorized personnel are permitted to use said road.

- 3. All well site locations on the Uintah & Ouray Indian Reservation will have an appropriate sign which will indicate the name of the Operator, the lease serial number, the well name and number, the survey description of the well (either footages or the quarter-quarter section, section, township, and range).
- 4. Coastal Oil & Gas Corporation shall contact the Bureau of Land Management and the Bureau of Indian Affairs between 24 and 48 hours prior to commencement of construction activities. BLM: (801) 789-1362; BIA: (801) 722-2406.
- 5. One (1) erosion control structure will be constructed in a minor drainage approximately four hundred (400) feet northeast of well pad corner #2.
- 6. The BLM and BIA offices shall be notified upon site completion and prior to moving drilling tools onto the location.
- 7. Coastal Oil & Gas Corporation will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities.

12. Other Information:

D. Additional Stipulations for Operations on Lands
Administered by the Bureau of Indian Affairs: Continued

7. A list of noxious weeds may be obtained from the Bureau of Indian Affairs, or the Uintah County Extension Office.

On lands administered by the Bureau of Indian Affairs, it is required that a "Pesticide Use Proposal" shall be submitted, and approval obtained, prior to the application of herbicides or other pesticides or possible hazardous chemicals for the control of noxious weeds.

13. Lessee's or Operator's Representative and Certification:

Representative

Coastal Oil & Gas Corporation
Randy L. Bartley, Operations Manager
P.O. Box 749
Denver, Colorado 80201-0749
Phone: (303) 572-1121

Heitzman Drill-Site Services*
Dale Heitzman and/or Robert M. Anderson
P.O. Drawer 3579
Casper, Wyoming 82602
Phone: (307) 266-4840

- * Contact for any additional information which may be required for approval of this Application for Permit to Drill.

Certification

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

Coastal Oil & Gas Corporation will be fully responsible for the actions of their subcontractors.

13. Lessee's or Operator's Representative and Certification:

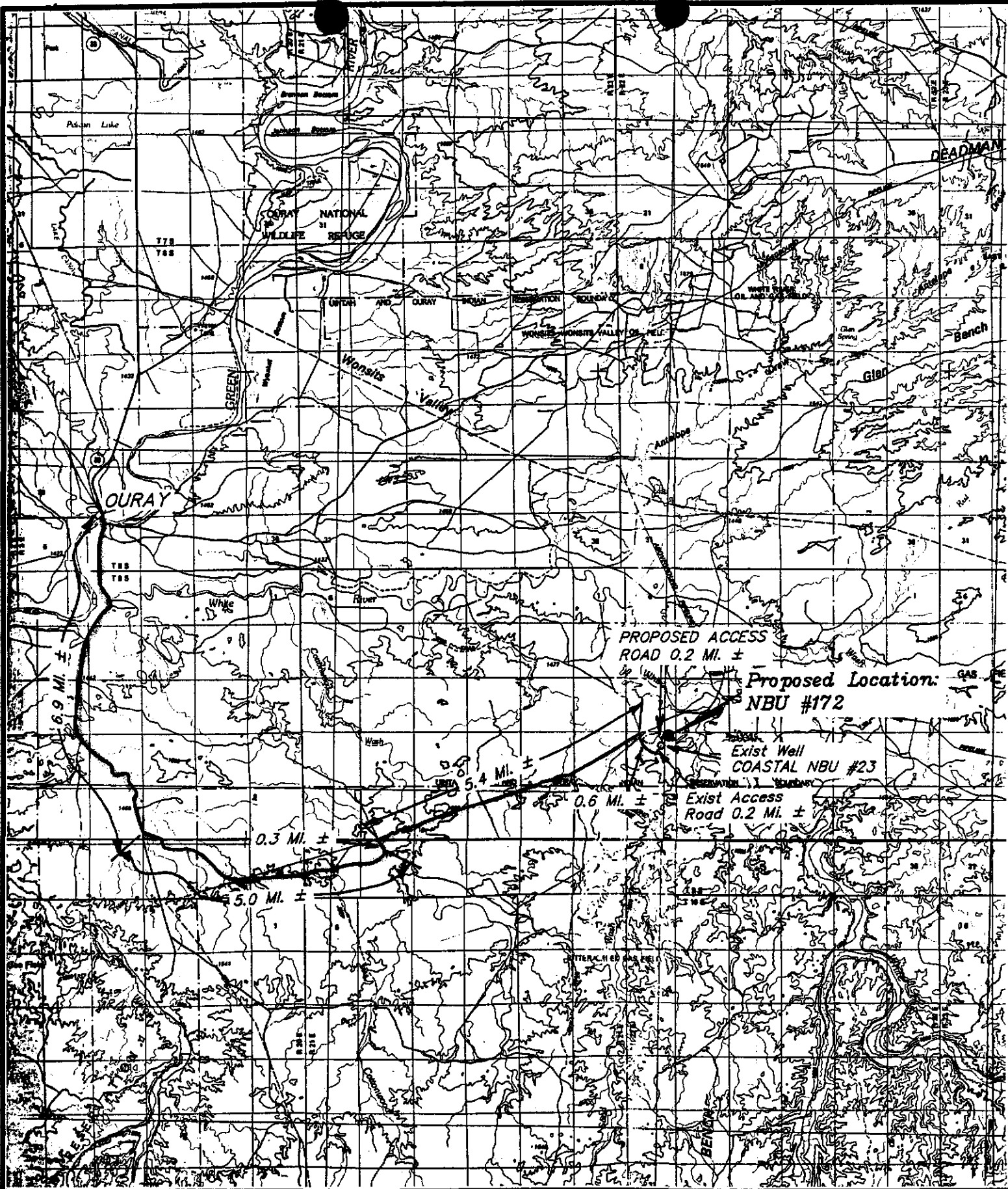
Certification - Continued

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Coastal Oil & Gas Corporation, its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

4 February 1992
Date


Robert M. Anderson/Authorized Agent



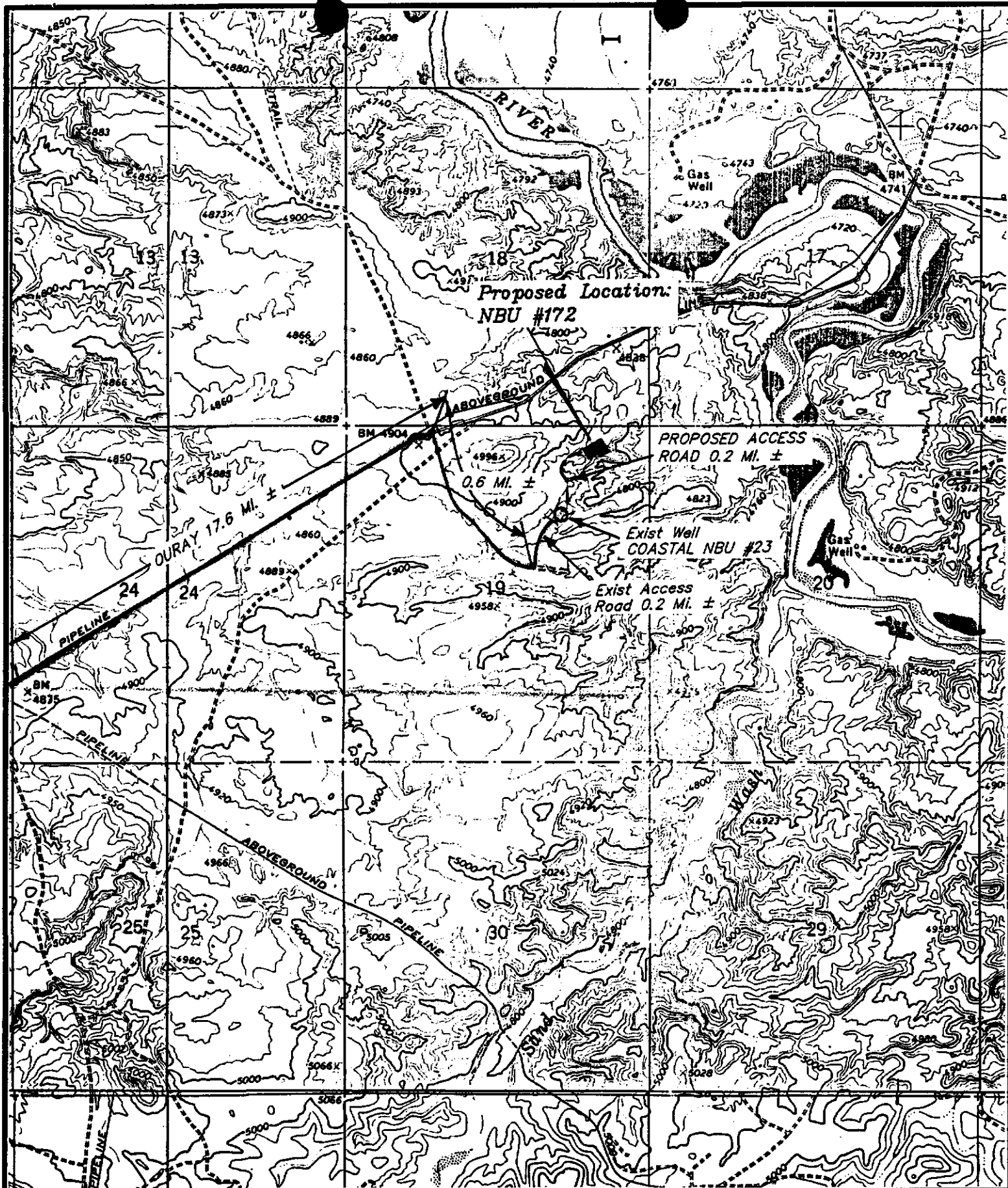
TOPOGRAPHIC
MAP "A"

DATE 10-28-91 MDA



COASTAL OIL & GAS CORP.

NBU #172
SECTION 19, T9S, R22E, S.L.B.&M.



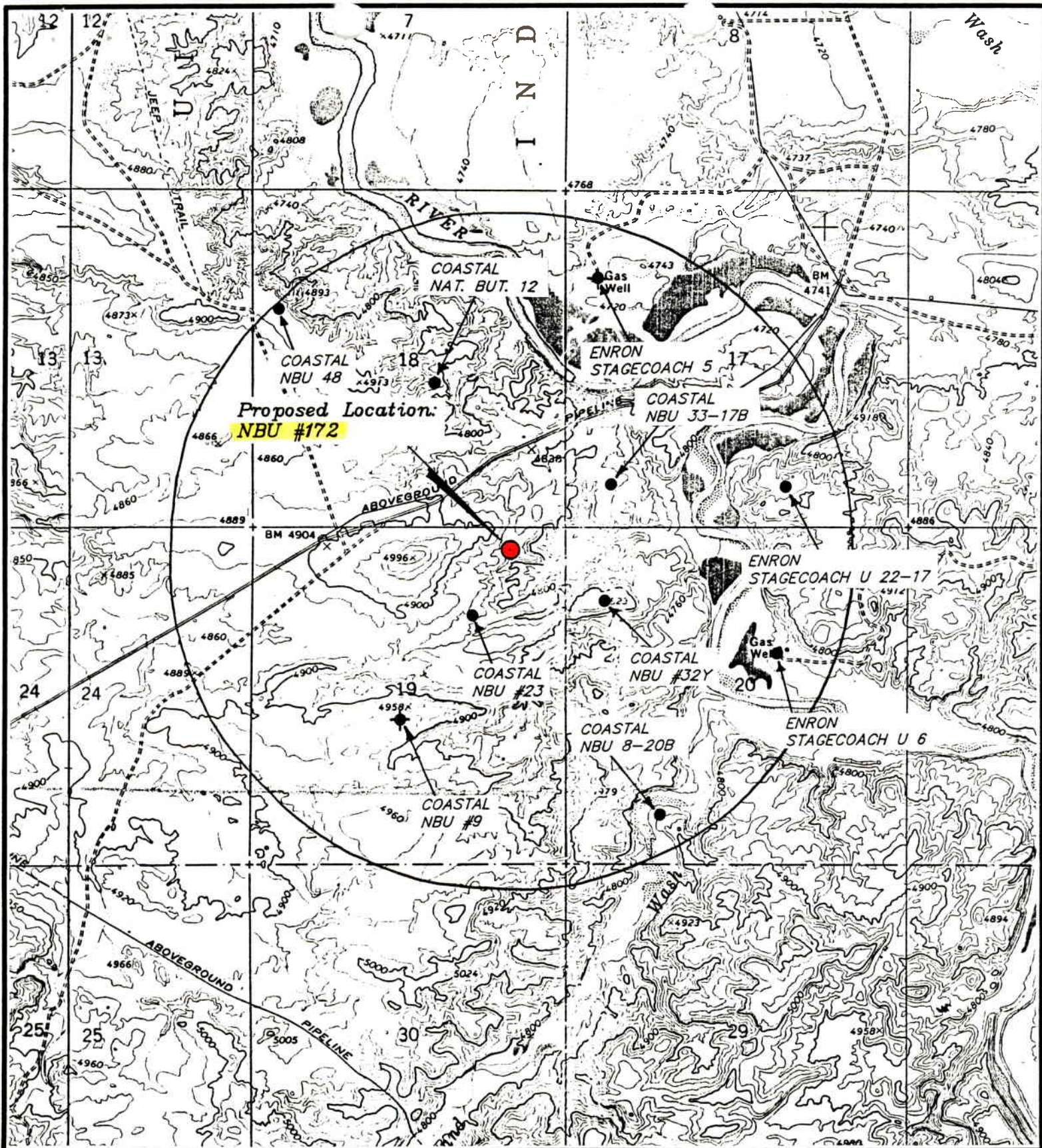
TOPOGRAPHIC
MAP "B"

SCALE: 1" = 2000'
DATE 10-28-91 MDA



COASTAL OIL & GAS CORP.

NBU #172
SECTION 19, T9S, R22E, S.L.B.&M.



LEGEND:

- ◊ = Water Wells
- ◆ = Abandoned Wells
- = Temporarily Abandoned Wells
- ⊘ = Disposal Wells
- = Drilling Wells
- = Producing Wells
- = Shut-in Wells



COASTAL OIL & GAS CORP.

NBU #172
SECTION 19, T9S, R22E, S.L.B.&M.
T O P O M A P " C "

DATE: 10-28-91 MDA

COASTAL OIL & GAS CORP.

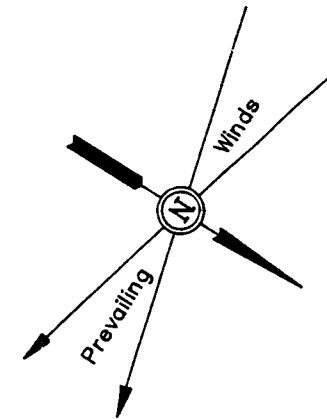
LOCATION LAYOUT FOR

NBU #172

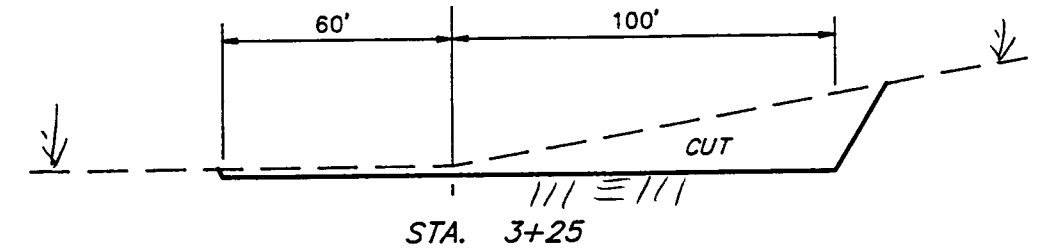
SECTION 19, T9S, R22E, S.L.B.&M.

FEB 07 1992

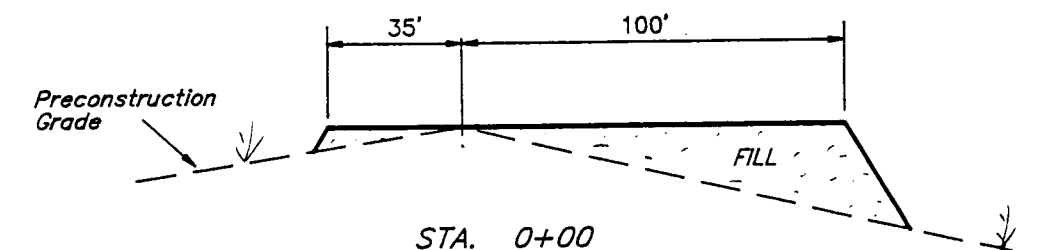
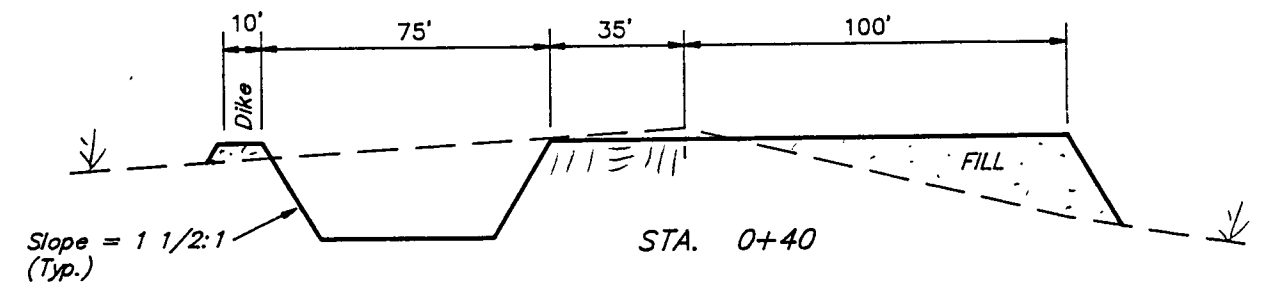
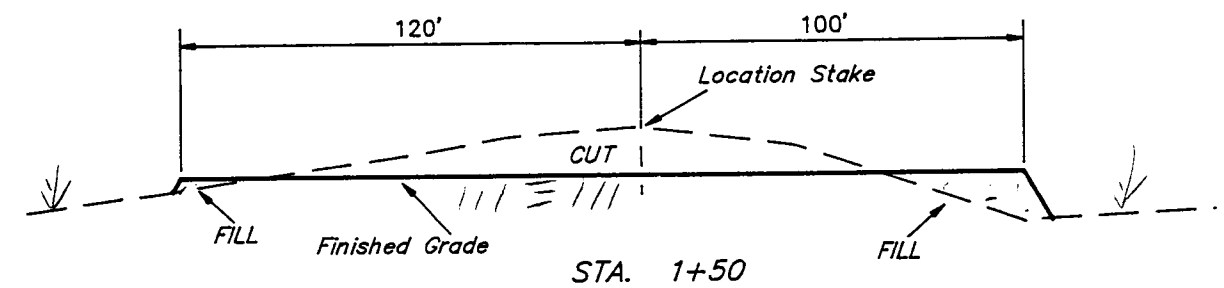
DIVISION OF
CLOSING



SCALE: 1" = 50'
DATE: 10-25-91
Drawn By: MDA



1" = 20'
X-Section
Scale
1" = 50'



TYP. LOCATION LAYOUT
TYP. CROSS SECTIONS

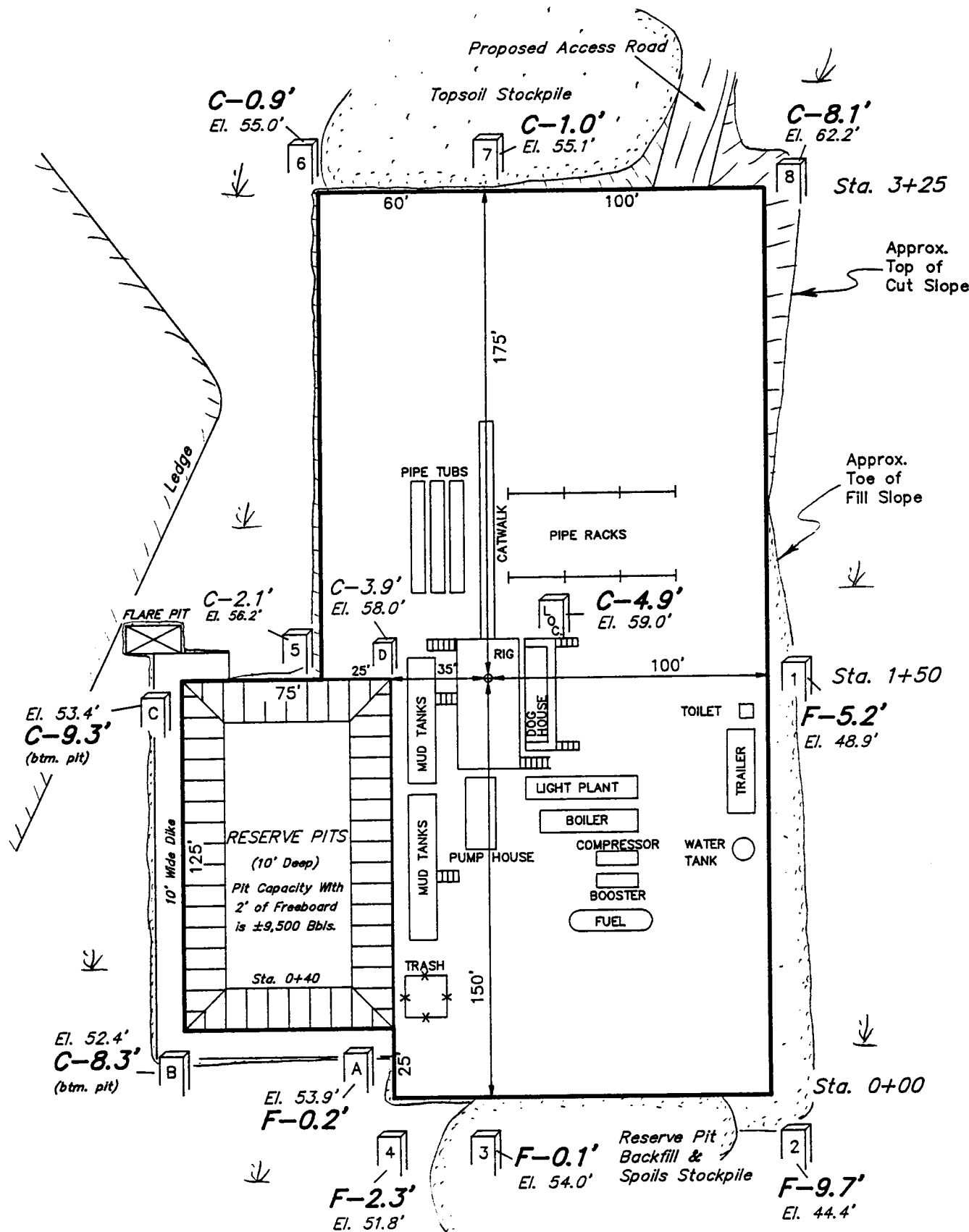
NOTES:

Elev. Ungraded Ground At Loc. Stake = 4859.0'

FINISHED GRADE ELEV. AT LOC. STAKE = 4854.1'

FIGURE #1

UINTAH ENGINEERING & LAND SURVEYING
85 South 200 East Vernal, Utah



APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 2,140 Cu. Yds.
Remaining Location	= 4,530 Cu. Yds.
TOTAL CUT	= 6,670 CU.YDS.
FILL	= 3,140 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 3,370 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,360 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 10 Cu. Yds.

OPERATOR Coastal Oil Gas Corp N-0230 DATE 11-11-92

WELL NAME NB 170

SEC NENE 19 T 95 R 02E COUNTY Martin

43-047-30194
API NUMBER

Natural (1)
TYPE OF LEASE

CHECK OFF:

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> PLAT. | <input checked="" type="checkbox"/> BOND | <input checked="" type="checkbox"/> NEAREST WELL |
| <input checked="" type="checkbox"/> LEASE | <input checked="" type="checkbox"/> FIELD SLOM | <input checked="" type="checkbox"/> POTASH OR OIL SHALE |

PROCESSING COMMENTS:

Included in fourth supplemental POD 10-9-91.
water permit 49-991 (A57530) target duckburg
oil shale area

APPROVAL LETTER:

SPACING: ☒ R615-2-3 Natural Buttes ☐ R615-3-2
☐ N/A UNIT ☐ R615-3-3
CAUSE NO. & DATE

STIPULATIONS:

1- Oil shale



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

February 18, 1992

Coastal Oil & Gas Company
P. O. Box 749
Denver, Colorado 80201-0749

Gentlemen:

Re: NBU 172 Well, 357 feet from the north line, 861 feet from the east line, NE 1/4 NE 1/4, Section 19, Township 9 South, Range 22 East, Uintah County, Utah

Pursuant to Utah Code Ann. § 40-6-18, (1953, as amended), Utah Admin. R. 649-2-3 (formerly R. 615-2-3), and Utah R. 649-3-4 (formerly R. 615-3-4), approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. Compliance with the requirements of Utah Admin. R. 649-1 et seq. (formerly R. 615-1 et seq.), Oil and Gas Conservation General Rules.
2. Notification within 24 hours after drilling operations commence.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or R.J. Firth, Associate Director, (Home) (801)571-6068.

Page 2
Coastal Oil & Gas Corporation
NBU 172
February 18, 1992

6. Compliance with the requirements of Utah Admin. R. 649-3-20 (formerly R. 615-3-20), Gas Flaring or Venting, if the well is completed for production.

Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site should be submitted to the local health department. These drilling operations and any subsequent well operations should be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Department of Environmental Quality, Division of Drinking Water/Sanitation, telephone (801)538-6159.

This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-047-32194.

Sincerely,



R.J. Firth
Associate Director, Oil and Gas

ots
Enclosures
cc: Bureau of Land Management
J.L. Thompson
WO11

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

357' FNL, 861' FEL (NE $\frac{1}{4}$ NE $\frac{1}{4}$) Section 19, T9S, R22E

At proposed prod. zone

Same As Above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately Twelve (12) Miles South/Southeast of Ouray, UT

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

357'

16. NO. OF ACRES IN LEASE

870.72

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1100'±

19. PROPOSED DEPTH

5950'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4859' GR

22. APPROX. DATE WORK WILL START*

May 1, 1992

23.

(ALL NEW)

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" K-55	24.0#	0- 250'	180 sx Circ. to Surface *
7-7/8"	5-1/2" K-55	17.0#	0-5950'	545 sx Circ. to Surface *

* Cement volumes may change due to hole size.
Calculate from Caliper log.

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED.

DIVISION OF
OIL GAS & MINING

I hereby certify that Coastal Oil & Gas Corporation is authorized by the proper Lease Interest Owners to conduct lease operations associated with this Application for Permit to Drill the NBU #172, Federal Lease # UTU-0284. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation, Nationwide Bond # CO-0018, who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this Application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Charles E. Mowry
Charles E. Mowry

TITLE District Drilling Manager

DATE February 28, 1992

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

357' FNL, 861' FEL (NE $\frac{1}{4}$ NE $\frac{1}{4}$) Section 19, T9S, R22E

At proposed prod. zone

Same As Above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately Twelve (12) Miles South/Southeast of Ouray, UT

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

357'

(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1100'±

16. NO. OF ACRES IN LEASE

870.72

19. PROPOSED DEPTH

5950'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4859' GR

22. APPROX. DATE WORK WILL START*

May 1, 1992

23.

(ALL NEW)

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" K-55	24.0#	0- 250'	180 sx Circ. to Surface *
7-7/8"	5-1/2" K-55	17.0#	0-5950'	545 sx Circ. to Surface *

* Cement volumes may change due to hole size.
Calculate from Caliper log.

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED.

I hereby certify that Coastal Oil & Gas Corporation is authorized by the proper Lease Interest Owners to conduct lease operations associated with this Application for Permit to Drill the NBU #172, Federal Lease # UTU-0284. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation, Nationwide Bond # CO-0018, who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this Application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Charles E. Mowry
Charles E. Mowry

TITLE

District Drilling Manager

DATE

February 28, 1992

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-0284
2. Name of Operator Coastal Oil & Gas Corporation	6. If Indian, Allottee or Tribe Name Ute Tribal
3. Address and Telephone No. P. O. Box 749, Denver, Colorado 80201-0749 (303) 573-4476	7. If Unit or CA, Agreement Designation Natural Buttes Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 357' FNL & 861' FEL (NENE) Section 19, T9S-R22E	8. Well Name and No. NBU 172
	9. API Well No. 43-047-32194
	10. Field and Pool, or Exploratory Area Natural Buttes
	11. County or Parish, State Uintah County, Utah

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Install Gas Flowline
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Application for Grant of Right-of-Way has been filed with the Bureau of Indian Affairs to install a four inch (4") surface pipeline as shown on the attached map.

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 4-14-92

BY: [Signature]

RECEIVED

APR 10 1992

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Vice-President

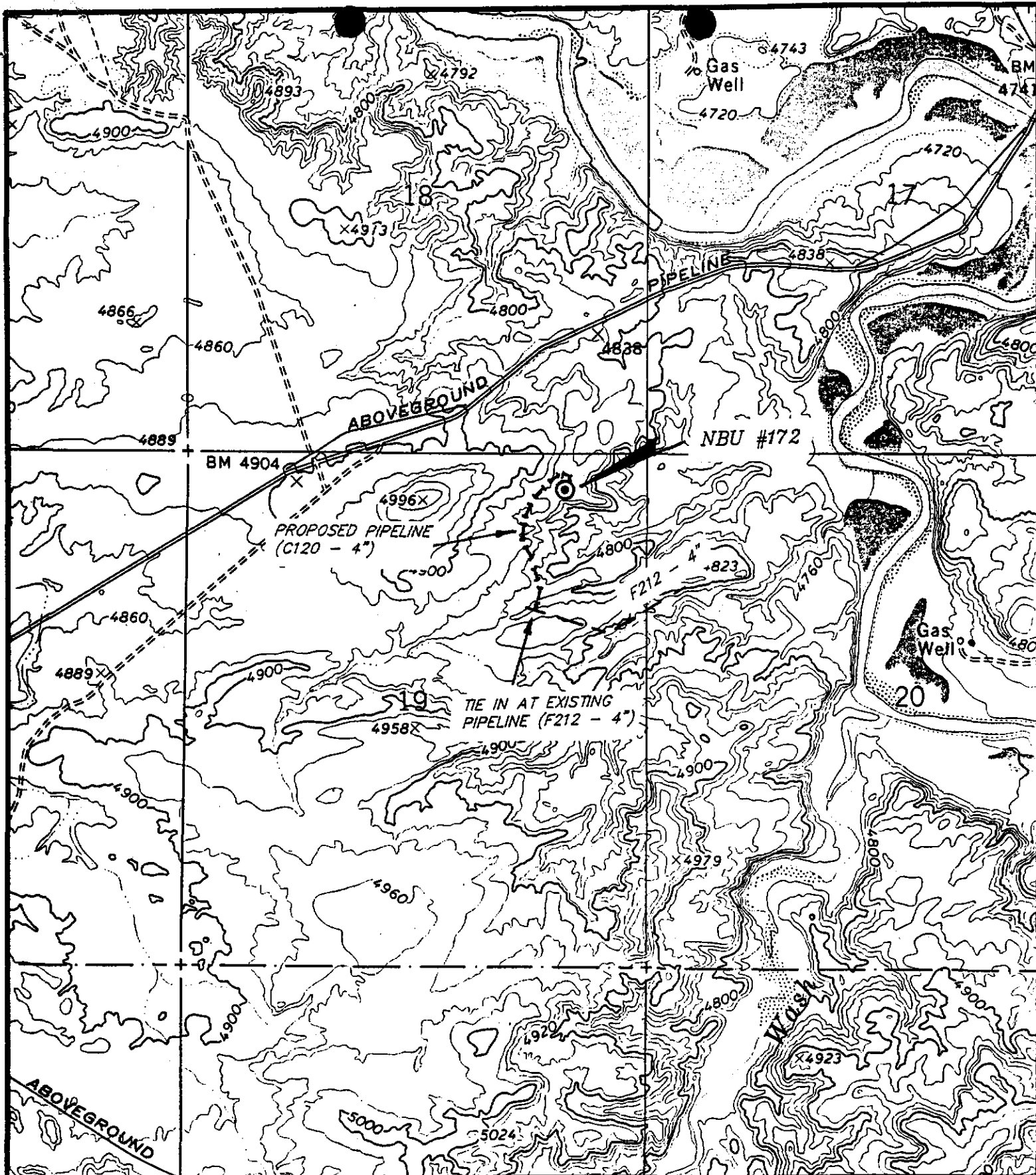
(This space for record or State office use)

Date 6 April 1992 WCH

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side



TOTAL PIPELINE SLOPE DISTANCE = 1,511'

**TOPOGRAPHIC
MAP "D"**

LEGEND

- EXISTING PIPELINE
 -+----- Proposed Pipeline



COASTAL OIL & GAS CORP.

PROPOSED PIPELINE RIGHT-OF-WAY FOR
NBU #172

SECTION 19, T9S, R22E, S.L.B.&M.

DATE: 3-18-92

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 17 1992

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See Attached List

5. Lease Designation and Serial No.

See Attached List

6. If Indian, Allottee or Tribe Name

See Attached List

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

See Attached List

9. API Well No.

See Attached List

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other NTL 2B; IV
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Coastal Oil & Gas Corporation hereby requests permission to dispose of produced water in unlined pits per NTL-2B, IV, for the subject wells.

- 1) These wells are completed in the Wasatch formation and produce less than 5 barrels of water per day on a monthly basis.
- 2) Two unlined pits per location will be used due to the size and layout of the locations: 40' x 40' x 8' and 6' x 6' x 6' deep with berms surrounding them. Each pit will be fenced and will have cement corner posts per BLM specifications. (See the attached typical facilities diagram.)
- 3) The average evaporation rate for the area compensated for annual rainfall is 70" per year.
- 4) The estimated percolation rate based on the soil characteristics under and adjacent to the pits is 2-6" per hour.
- 5) The depth of usable water aquifers in this area is approximately 1500'.

14. I hereby certify that the foregoing is true and correct.

Signed

Eileen Danni Day
Eileen Danni Day
(This space for Federal or State office use)

Title Regulatory Analyst

4/14/92

Approved by

Conditions of approval, if any:

Title

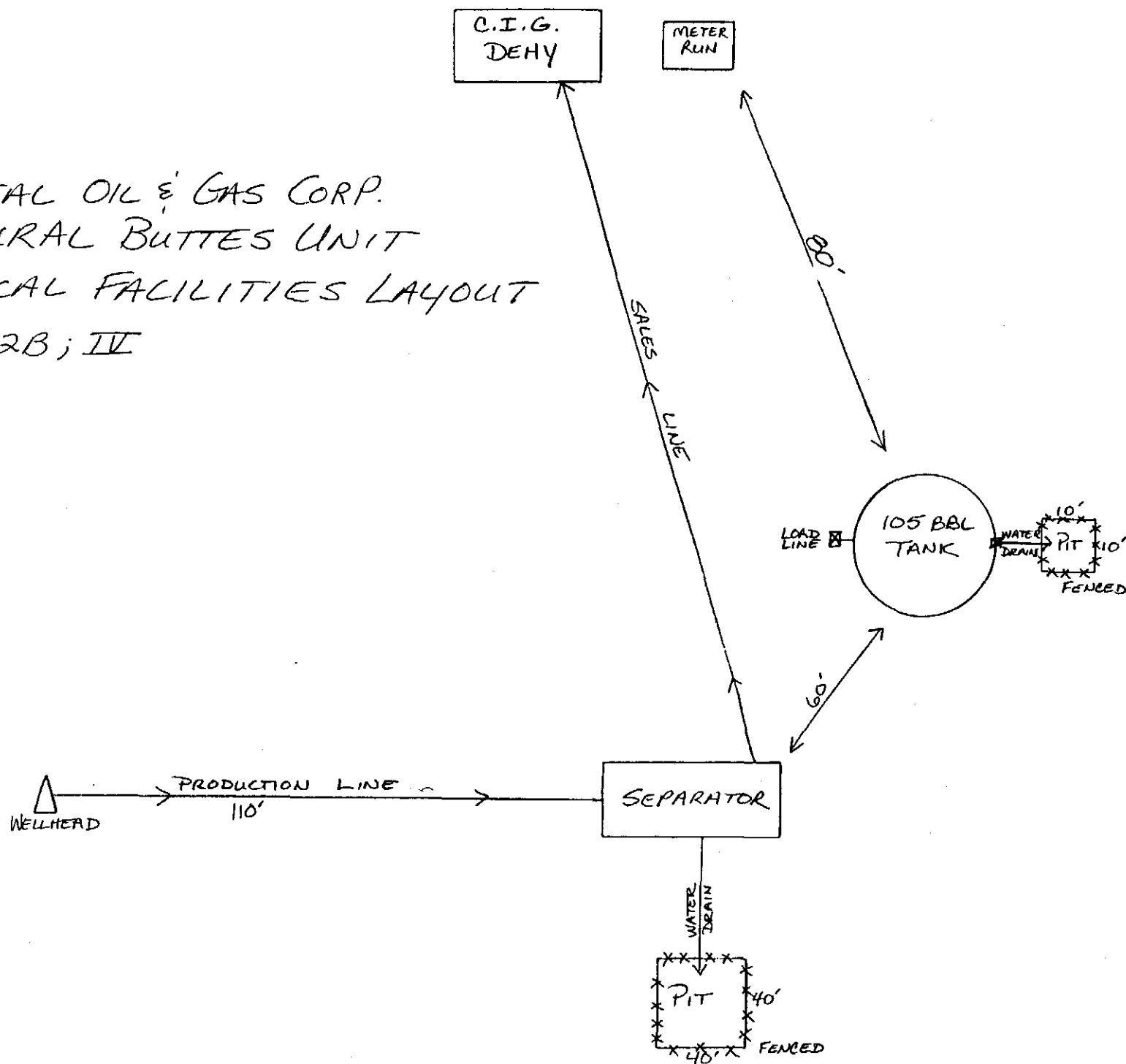
Accepted by the State
of Utah Division of
Oil, Gas and Mining

Date: 4-29-92

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

COASTAL OIL & GAS CORP.
NATURAL BUTTES UNIT
TYPICAL FACILITIES LAYOUT
NTL-2B; IV



13-Apr-92

NATURAL BUTTES

JUNTAH COUNTY, UTAH

WELL #	LOCATION	QUAD	SEC	TWP	RGE	STATE OR BLM LEASE #	SURFACE	API NUMBER
NBU #103	SENW	10	9	21		U-0141315	UTE	43-047-31956
NBU #104	SENE	16	9	21		ST ML-3282	UTE	43-047-31957
NBU #105	SWSW	17	9	21		U-0575	UTE	43-047-31955
NBU #106	NESW	21	9	21		U-0576	UTE	43-047-31946
NBU #107	SENW	26	9	21		ST ML-01194	STATE	43-047-31916
NBU #108	SESE	19	9	22		U-0284	UTE	43-047-31958
NBU #109	SENE	27	9	21		ST U-01194-A	STATE	43-047-31917
NBU #110	NENE	28	9	21		U-0576	FED.	43-047-31924
NBU #111	SWNW	25	9	21		ST U-01194	STATE	43-047-31920
NBU #112	SESE	33	9	22		U-01191	FED.	43-047-31930
NBU #113	SESE	34	9	22		U-0149077	FED.	43-047-31931
NBU #114	SWSW	5	10	21		U-01393-D	FED.	43-047-31923
NBU #115	NENW	10	10	21		U-0149079	FED.	43-047-31929
NBU #116	NWNW	6	10	22		U-464	FED.	43-047-31925
NBU #117	NENE	10	10	22		ST UT-01197-A	STATE	43-047-31914
NBU #118	SENE	22	9	20		U-0577-B	UTE	43-047-31969
NBU #119	SENW	22	9	20		U-0577-B	UTE	43-047-31973
NBU #120	NWNW	10	9	21		U-0141315	UTE	43-047-31972
NBU #121	NWNE	13	9	21		U-01193	UTE	43-047-
NBU #122	SWSE	13	9	21		U-01193	UTE	43-047-32085
NBU #123	NWNW	15	9	21		U-01188	UTE	43-047-31974
NBU #124	NWNE	16	9	21		ST ML-3282	UTE	43-047-31971
NBU #125	NESE	17	9	21		U-0575	UTE	43-047-32090
NBU #126	NENW	21	9	21		U-0576	UTE	43-047-31962
NBU #127	SWNW	21	9	21		U-0576	UTE	43-047-31963
NBU #128	SWSW	21	9	21		U-0576	UTE	43-047-31964
NBU #129	SENE	22	9	21		U-010950-A	UTE	43-047-31965
NBU #130	SWNW	22	9	21		U-0147566	UTE	43-047-31967
NBU #131	NWSW	23	9	21		U-0149075	UTE	43-047-31966
NBU #132	NWNW	26	9	21		ST U-01194	STATE	43-047-31938
NBU #133	SWNE	28	9	21		U-0576	FED.	43-047-31950
NBU #134	SWSW	28	9	21		U-0576	FED.	43-047-32011
NBU #135	NESE	18	9	22		U-461	UTE	43-047-32089
NBU #136	SWSE	19	9	22		U-0284	UTE	43-047-31968
NBU #137	SESE	30	9	22		ST ML-22935	STATE	43-047-31939
NBU #138A	SENE	33	9	22		U-01191-A	FED.	43-047-32151
NBU #139	SWNE	14	10	21		U-465	FED.	43-047-31948
NBU #140	NWNE	5	10	22		U-01191A	FED.	43-047-31947
NBU #141	SENW	6	10	22		U-464	FED.	43-047-32017
NBU #142	NESE	10	10	22		U-025187	FED.	43-047-32013
NBU #143	NWNE	10	9	21		U-0141315	UTE	43-047-32088
NBU #144	NWNW	23	9	21		U-0149075	UTE	43-047-32044
NBU #145	NWNE	27	9	21		ST U-01194-A	STATE	43-047-31976
NBU #146	SWNW	14	10	21		U-465	FED.	43-047-31985
NBU #147	NWSW	4	10	22		U-01191	FED.	43-047-31984
NBU #148	SESW	4	10	22		U-01191	FED.	43-047-31983
NBU #149	NESE	5	10	22		U-01191	FED.	43-047-31982
NBU #150	SENW	9	10	22		U-01196-B	FED.	43-047-31992
NBU #151	NWNW	9	10	22		U-01196-B	FED.	43-047-31991
NBU #152	SESE	9	10	22		U-01196-D	FED.	43-047-31990
NBU #153	SWNW	11	10	22		ST U-01197-A	STATE	43-047-31975
NBU #154	NWSE	26	9	21		ST ML-22934	STATE	43-047-32003
NBU #155	SENW	31	9	22		ST ML-23607	STATE	43-047-32004
NBU #156	SWNW	35	9	21		ST U-01194	STATE	43-047-32005
NBU #157	SESW	32	9	22		ST ML-22649	STATE	43-047-32007
NBU #158	NWSE	27	9	21		ST U-01194-A	STATE	43-047-31997
NBU #159	NESW	35	9	21		ST U-01194	STATE	43-047-31996
NBU #160	SESW	31	9	22		ST ML-22935-A	STATE	43-047-32006
NBU #161	SESE	32	9	22		ST ML-22649	STATE	43-047-32023
NBU #162	SENW	12	10	20		U-4478	FED.	43-047-32066
NBU #163	NENW	14	10	21		U-465	FED.	43-047-32069
NBU #164	NWSE	3	10	22		U-01191-A	FED.	43-047-32055
NBU #165	NENW	3	10	22		U-01191	FED.	43-047-32057
NBU #166	SWSE	28	9	21		U-0576	FED.	43-047-32065
NBU #167	SESW	25	9	21		ST U-01194	STATE	43-047-32054
NBU #168	NWSW	12	10	20		U-4478	FED.	43-047-32117
NBU #169	SESW	12	10	20		U-4478	FED.	43-047-32118

13-Apr-92

NATURAL BUTTES

UINTAH COUNTY, UTAH

WELL #	LOCATION	QUAD	SEC	TWP	RGE	STATE OR BLM	LEASE #	SURFACE	API NUMBER
NBU #170	NWNW	4	10	22		U-01191-A	FED.		43-047-32169
NBU #171	SENE	5	10	22		U-01191-A	FED.		43-047-32115
NBU #172	NENE	19	9	22		U-0284	UTE		43-047-32194
NBU #173	NWNE	33	9	22		U-01191-A	FED.		43-047-32116
NBU #174	NWNW	11	9	21		U-0141315	UTE		43-047-32193
NBU #175	NENW	28	9	21		U-0576	FED.		43-047-32143
NBU #176	SWNW	28	9	21		U-0576	FED.		43-047-32144
NBU #177	NESE	29	9	21		U-0581	FED.		43-047-32112
NBU #178	NWNE	30	9	21		U-0581	FED.		43-047-32121
NBU #179	SWSW	10	10	21		U-01416-A	FED.		43-047-32145
NBU #180	SWSE	10	10	22		U-025187	FED.		43-047-32113
NBU #181	SESW	9	9	21		U-0576	UTE		43-047-32161
NBU #182	SENW	11	9	21		U-0141315	UTE		43-047-32162
NBU #183 ✓	SWNW	27	9	21	ST	U-01194-A	STATE		43-047-32122
NBU #184	SESW	30	9	22		U-463	FED.		43-047-32170
NBU #185	SWNE	3	10	22		U-01191-A	FED.		43-047-32171
NBU #186	SENE	30	9	22		U-463	FED.		43-047-
NBU #187	SESW	34	9	22		U-0149077	FED.		43-047-
NBU #188	SWSW	10	10	22		U-01196-C	FED.		43-047-
NBU #189	SESW	23	9	21		U-0149075	UTE		43-047-
NBU #190 ✓	NWNE	26	9	21	ST	U-01194	STATE		43-047-
CIGE 110-7-9-21	SWSE	7	9	21		U-0575-B	UTE		43-047-31959
CIGE 111-13-9-21	SESW	13	9	21		U-01193	UTE		43-047-31954
CIGE 112-19-9-21	SESE	19	9	21		U-0581	UTE		43-047-31945
CIGE 113-21-9-21	SWNE	21	9	21		U-0576	UTE		43-047-31944
CIGE 114-34-9-21 ✓	NESE	34	9	21	ST	U-01194-A	STATE		43-047-31915
CIGE 115-35-9-21 ✓	NWNE	35	9	21	ST	ML-22582	STATE		43-047-31918
CIGE 116-29-9-22 ✓	NWSW	29	9	22	ST	ML-22935	STATE		43-047-31919
CIGE 117-34-9-22	SWNW	34	9	22		U-0149077	FED.		43-047-31928
CIGE 118-35-9-22	NESE	35	9	22		U-010954A	FED.		43-047-32025
CIGE 119-15-10-21	NENE	15	10	21		U-01416-A	FED.		43-047-31927
CIGE 120-15-9-20	SENE	15	9	20		U-0144868	UTE		43-047-32032
CIGE 121-15-9-20	NWNE	15	9	20		U-0144868	UTE		43-047-32031
CIGE 122-7-9-21	NENE	7	9	21		U-0149767	UTE		43-047-32098
CIGE 123-7-9-21	SWNE	7	9	21		U-0575-B	UTE		43-047-32047
CIGE 124-9-9-21	NWSE	9	9	21		U-01188	UTE		43-047-32045
CIGE 125-13-9-21	NWNW	13	9	21		U-01193	UTE		43-047-32084
CIGE 126-13-9-21	NWSW	13	9	21		U-01193	UTE		43-047-32087
CIGE 127-16-9-21	NESW	16	9	21	ST	ML-3141	UTE		43-047-32036
CIGE 128-18-9-21	NENE	18	9	21		U-0575	UTE		43-047-32046
CIGE 129-18-9-21	NENW	13	9	21		U-0581	UTE		43-047-32043
CIGE 130-19-9-21	NENE	19	9	21		U-0581	UTE		43-047-32030
CIGE 131-19-9-21	SWNE	19	9	21		U-0581	UTE		43-047-32029
CIGE 132-20-9-21	NWSW	20	9	21		U-0575	UTE		43-047-32028
CIGE 133-35-9-21 ✓	SWSE	35	9	21	ST	ML-22582	STATE		43-047-31978
CIGE 134-1-10-20	SWSW	1	10	20		U-02270-A	FED.		43-047-31989
CIGE 135-3-10-21	SWSW	3	10	21		U-0149078	FED.		43-047-32001
CIGE 136-4-10-21 ✓	SWNE	4	10	21	ST	ML-22940	STATE		43-047-31979
CIGE 137-6-10-21	SENE	6	10	21		U-01791	FED.		43-047-31988
CIGE 138A-6-10-21	SENW	6	10	21		U-01791	FED.		43-047-31987
CIGE 139-10-10-21	SWNE	10	10	21		U-0149079	FED.		43-047-31986
CIGE 140-16-10-21 ✓	NENE	16	10	21	ST	ML-10755	STATE		43-047-31977
CIGE 141-7-10-22 ✓	NWNE	7	10	22	ST	ML-23609	STATE		43-047-31970
CIGE 142-25-9-21 ✓	SENE	25	9	21	ST	U-01189	STATE		43-047-31994
CIGE 143-34-9-21 ✓	SWNE	34	9	21	ST	U-01194-A	STATE		43-047-31995
CIGE 144-2-10-22 ✓	SWNE	2	10	22	ST	ML-22651	STATE		43-047-32022
CIGE 145-29-9-22 ✓	SENW	29	9	22	ST	ML-22935	STATE		43-047-31993
CIGE 146-16-10-21 ✓	NWNE	16	10	21	ST	ML-10755	STATE		43-047-32021
CIGE 147-36-9-22 ✓	SESW	36	9	22	ST	ML-22650	STATE		43-047-32020
CIGE 148-31-9-22 ✓	NWNE	31	9	22	ST	ML-22935-A	STATE		43-047-32024
CIGE 149-8-10-21	NWNE	8	10	21		U-01791	FED.		43-047-32056
CIGE 150-9-10-21	SWNE	9	10	21		U-01416	FED.		43-047-32058
CIGE 151-10-10-21	SWSE	10	10	21		U-0149079	FED.		43-047-32059
CIGE 152-33-9-22	SESW	33	9	22		U-01191-A	FED.		43-047-32068
CIGE 153-35-9-22	SESW	35	9	22		U-010954-A	FED.		43-047-32067
CIGE 154-13-10-20	NWNW	13	10	20		U-4485	STATE		43-047-32119
CIGE 155-9-9-21	SENE	9	9	21		U-01188-B	UTE		43-047-32157

13-Apr-92

NATURAL BUTTES

UINTAH COUNTY, UTAH

WELL #	LOCATION	QUAD	SEC	TWP	RGE	STATE OR BLM LEASE #	SURFACE	API NUMBER
CIGE 156-16-9-21	NESE	16	9	21		ST ML-3282	UTE	43-047-32195
CIGE 157-16-9-21	SWNW	16	9	21		U-38409	UTE	43-047-32160
CIGE 158-21-9-21	NESE	21	9	21		U-0576	UTE	43-047-32158
CIGE 159-6-10-21	NWNE	6	10	21		U-01791	FED.	43-047-32120
CIGE 160-14-10-21	SWSE	14	10	21		U-01393-C	FED.	43-047-32124
CIGE 161-2-10-22	SESE	2	10	22		ST ML-22651	STATE	43-047-32168
CIGE 162-36-9-22	SESE	36	9	22		ST ML-22650	STATE	43-047-32164
CIGE 163-15-9-21	SENE	15	9	21		U-01193	UTE	43-047-32192
CIGE 164-34-9-22	NWNE	34	9	22		U-0149077	FED.	43-047-32141
CIGE 165-1-10-20	SWNW	1	10	20		U-02270-A	FED.	43-047-32114
CIGE 166-3-10-21	NENW	3	10	21		U-0149078	FED.	43-047-32172
CIGE 167-7-10-21	NENE	7	10	21		U-01791	FED.	43-047-32142
CIGE 168-16-10-21	NWSE	16	10	21		ST ML-10755	STATE	43-047-32123
CIGE 169-2-10-21	SENW	2	10	21		ST ML-22652	STATE	43-047-

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. UTU-0284		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Not Applicable		
2. NAME OF OPERATOR Coastal Oil & Gas Corporation			7. UNIT AGREEMENT NAME Natural Buttes		
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado 80201-0749			8. FARM OR LEASE NAME NBU		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 357' FNL, 861' FEL (NE $\frac{1}{4}$ NE $\frac{1}{4}$) Section 9, T9S, R22E At proposed prod. zone Same As Above 43-047-32194			9. WELL NO. 172		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately Twelve (12) Miles South/Southeast of Ouray, UT			10. FIELD AND POOL, OR WILDCAT Natural Buttes		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 357'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 9, T9S, R22E		
16. NO. OF ACRES IN LEASE 870.72			12. COUNTY OR PARISH 13. STATE Utah Utah		
17. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1100'±			19. PROPOSED DEPTH 5950'		
20. ROTARY OR CABLE TOOLS Rotary			21. APPROX. DATE WORK WILL START* May 1, 1992		
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 4859' GR					

23. (ALL NEW) PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" K-55	24.0#	0- 250'	180 sx Circ. to Surface *
7-7/8"	5-1/2" K-55	17.0#	0- 5950'	180 sx Circ. to Surface *

* Cement volumes may change due to hole size. Calculate from Caliper log. JUN 23 1992

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED. DIVISION OF OIL GAS & MINING

I hereby certify that Coastal Oil & Gas Corporation is authorized by the proper Lease Interest Owners to conduct lease operations associated with this Application for Permit to Drill the NBU #172, Federal Lease # UTU-0284. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation, Nationwide Bond # CO-0018, who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this Application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Charles E. Mowry TITLE District Drilling Manager DATE Jan. 30, 1992
(This space for Federal or State office use)

PERMIT NO. 44080-2m-091 APPROVAL DATE JUN 19 1992
APPROVED BY [Signature] ASSISTANT DISTRICT MANAGER MINERALS
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL FOR THE
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Coastal Oil and Gas Corporation

Well Name & Number: NBU-172

Lease Number: U-0284

Location: NENE Sec. 9 T.9 S. R.22 E.

Surface Ownership: Ute Tribe

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|--|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

The operator may be required to use a closed production system if a determination is made that a disposal pit does not meet NTL-2B requirements. This determination will be made prior to building the production facility by an authorized officer from both BIA and the Ute Tribe.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Coastal Oil and Gas Corporation Well No. NBU 172
Location NENE, Section 19, T9S, R22E Lease No. C - 0284

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany oil shale, identified at \pm 700 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) shall be utilized to determine the top of cement (TOC) and bond quality for the production casing.

6. Notification of Operations

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka	(801) 781-1190
Petroleum Engineer	

Ed Forsman	(801) 789-7077
Petroleum Engineer	

BLM FAX Machine	(801) 789-3634
-----------------	----------------

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

memorandum

JUN 11 1992

DATE:

REPLY TO
ATTN OF:

Superintendent, Uintah & Ouray Agency

SUBJECT:

Concurrence Letter for Coastal Oil & Gas Company, ROW-H62-92-43,
NBU#172, NE1/4 Section 19 T. 9S., R. 22E., S.L.B.&M.

TO:

Bureau of Land Management, Vernal District Office
Attention: Mr. Paul Andrews, Area Manager

Based on available information received on June 10, 1992, we have cleared the proposed location in the following area of environmental impact.

YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Listed threatened or endangered species
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Critical wildlife habitat
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Archeological or cultural resources
YES <input type="checkbox"/>	NO <input type="checkbox"/>	Air quality aspects (to be used only if project is in or adjacent to a Class I area of attainment
YES <input type="checkbox"/>	NO <input type="checkbox"/>	Other (if necessary)

REMARKS: Environmental Analysis-6. MITIGATION STIPULATIONS

1. Landscape disturbance cannot be effectively mitigated at this time. However, before the site is abandoned the company will be required to restore the well pad, access roads, and pipeline rights-of-way to near their original state. The disturbed area will be reseeded with desirable perennial vegetation and the seed will be covered with a weed free organic mulch.

2. Noxious weeds will be controlled on all well sites and rights-of-way. If noxious weeds spread from the well sites or rights-of-way, the company will also be responsible for their control.

Upon completion of construction, please submit an Affidavit of Completion with accompanying Certification so that we may record all pertinent documents at our Southwest Title Plant in Albuquerque, New Mexico.

If you have any questions regarding the right-of-way, you may contact Mr. Roland McCook, Realty Officer or Norman Cambridge, Realty Specialist at (801) 722-2406 Ext. 48/46.

Sincerely,

Superintendent.



SITE SPECIFIC
ENVIRONMENTAL ANALYSIS

1.0 PROPOSED ACTION

Coastal Oil & Gas Corporation is proposing to drill a
gas well

2.0 ALTERNATIVE ACTIONS

- A. ALTERNATIVE CONSIDERED: The proposed action is the preferred alternative.
- B. NO ACTION: Under the no action alternative the proposed action would not be implemented.
- C. OTHER: _____

3.0 PERMITTEE/LOCATION

- A. Permittee Coastal Oil & Gas Corporation
- B. Date January 14, 1992
- C. Well number NBU #172
- D. Right-of-way _____
- E. Site location NENE Section 19 T 9S R 22E Meridian SLB&M

4.0 SITE SPECIFIC SURVEY

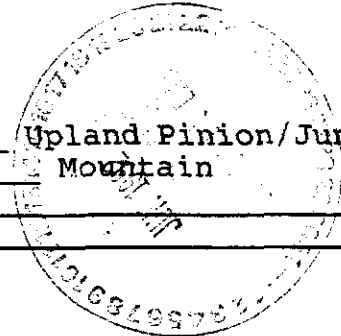
A. SITE DESCRIPTION

1. Elevation (feet) 4859
2. Annual precipitation (inches) 4-8
3. Topography Rolling hills
4. Soil texture (0 to 6") Cobbly loam
5. Estimated infiltration rate:
Slow x Moderate High

B. VEGETATION

1. Habitat Type:
 x Semi-desert shrub Upland Pinion/Juniper
 Upland shrub Mountain
Other: _____

2. Percent Ground Cover 40 %



3. Vegetation: (Estimated % composition)

a. Grasses: 40 %

<u> </u> Western wheatgrass	<u>15</u>	Indian ricegrass
<u> </u> Needle-and-thread grass	<u>5</u>	Three-awn
<u> </u> Idaho fescue	<u> </u>	Wire grass
<u> </u> Prairie junegrass	<u> </u>	Bluebunch wheatgrass
<u> </u> Tall wheatgrass	<u> </u>	Slender wheatgrass
<u> </u> Great Basin wildrye	<u>15</u>	Galleta
<u> </u> Kentucky bluegrass	<u> </u>	Orchard grass
<u> </u> Thickspike wheatgrass	<u> </u>	Squirrel tail
<u> </u> Blue gramma	<u> </u>	Bluegrasses
<u> </u> Brome grasses	<u> </u>	Dropseed
<u>5</u> Annuals	<u> </u>	

b. Forbs: 20 %

<u>3</u> Russian thistle	<u> </u>	Lupine
<u> </u> Globemallow	<u> </u>	Lamb's quarter
<u> </u> Kochia	<u> </u>	Giant whitetop
<u> </u> Astragalus	<u>12</u>	Annuals
<u> </u> Indian paintbrush	<u> </u>	
<u>5</u> Halogeton	<u> </u>	
<u> </u> Ragweed	<u> </u>	

c. Shrubs: 40 %

<u> </u> Fourwing saltbush	<u> </u>	Snowberry
<u>24</u> Black sagebrush	<u> </u>	Pricklypear
<u> </u> Rabbitbrush	<u>1</u>	Greasewood
<u> </u> Mountain mahogany	<u>5</u>	Shadscale
<u> </u> Serviceberry	<u> </u>	Horsebrush
<u> </u> Bitterbrush	<u> </u>	Nuttall saltbush
<u> </u> Big sagebrush	<u>5</u>	Spiny Horsebrush
<u>5</u> Yellow Brush	<u> </u>	Shadscale
	<u> </u>	Other

d. Trees: 0 %

<u> </u> Pinion	<u> </u>	Douglas fir
<u> </u> Juniper	<u> </u>	Lodgepole pine
<u> </u> Cottonwood	<u> </u>	Engleman spruce
<u> </u> Russian olive	<u> </u>	
<u> </u> Tamarix	<u> </u>	
<u> </u> Ponderosa	<u> </u>	

4. Observed Threatened & Endangered species: None

5. Potential For Threatened & Endangered species:

x Slight Moderate High

6. If moderate or high describe:

7. Observed Noxious Weeds: 1) None 2) _____
3) _____ 4) _____

C. AFFECTED ENVIRONMENTAL

Initial survey:

1. Surface damages as a result of the initial survey:
_____ yes _____ x _____ no

2. If answer to (1) is yes describe: _____

4.1 WILDLIFE

A. POTENTIAL SITE UTILIZATION

1. Big Game	2. Small Game	3. Raptor/Bird
<u>x</u> Deer	<u>x</u> Rabbit	<u>x</u> Bald eagle
_____ Elk	_____ Pheasant	<u>x</u> Golden eagle
_____ Moose	<u>x</u> Dove	_____ Ferringious hawk
_____ Bear	_____ Sage grouse	_____ Swanson hawk
<u>x</u> Antelope	_____ Ruffed grouse	<u>x</u> Redtail hawk
_____	_____ Blue grouse	_____ Perigrin falcon
_____	_____ Chucker	_____ Prairie falcon
_____	_____ partridge	<u>x</u> Songbird

4. Other	5. Non-Game Wildlife
<u>x</u> Horses	<u>x</u> Reptile
<u>x</u> Cattle	_____ Prairie dog
_____ Sheep	<u>x</u> Rodent
_____	<u>x</u> Coyote
_____	<u>x</u> Fox

6. Threatened & Endangered Species

a. Observed Threatened & Endangered species:
1) None 2) _____ 3) _____

b. Potential for Threatened & Endangered species:
_____ Slight _____ x _____ Moderate _____ High

c. If moderate or high, describe: Bald eagles use this
area during the winter months.

A. USAGE

4.3 CULTURAL RESOURCES

The well site x, access road x, and pipeline right of-way have been cleared by a qualified archaeologist/paleontologist. Name & Organization: Metcalf Archeological
John Scott

A. SURFACE ALTERATIONS

- ### B. VEGETATION/LANDSCAPE

- C. SOIL/RANGE/WATERSHED

- | | | | | | |
|----|--|---------------|-----|-----------------|----|
| 1. | Increased soil erosion, Wind | <u>x</u> | Yes | <u> </u> | No |
| 2. | Increased soil erosion, Water | <u>x</u> | Yes | <u> </u> | No |
| 4. | Increased salt loading potential | <u>x</u> | Yes | <u> </u> | No |
| 5. | Reduced rangeland | <u>x</u> | Yes | <u> </u> | No |
| 6. | Reduced irrigated cropland | <u> </u> | Yes | <u> </u> x | No |
| 7. | Increased run-off in watershed | <u>x</u> | Yes | <u> </u> | No |
| 8. | Potential point source water pollution | <u> </u> | Yes | <u> </u> x | No |
| 9. | If answer to (8) is Yes Describe: | | | | |

D. WILDLIFE/THREATENED & ENDANGERED SPECIES

- | | | | | |
|--|---------------|-----|---------------|----|
| 1. Decreased wildlife habitat/grazing | <u> x </u> | Yes | <u> </u> | No |
| 2. Potential increase in wildlife disturbance and poaching | <u> x </u> | Yes | <u> </u> | No |
| 3. Potential impacts to Threatened Endangered species: | <u> </u> | Yes | <u> x </u> | No |
| 4. Potential threat to critical wildlife habitat | <u> </u> | Yes | <u> x </u> | No |
| a. If answer to (4) is yes, describe: _____ | | | | |
| _____ | | | | |
| _____ | | | | |

6.0 MITIGATION STIPULATIONS

A. VEGETATION/LANDSCAPE

1. Landscape disturbance cannot be effectively mitigated at this time. However, before the site is abandoned the company will be required to restore the well pad, access roads, and pipeline rights-of-way to near their original state. The disturbed area will be reseeded with desirable perennial vegetation and the seed will be covered with a weed free organic mulch.
2. Noxious weeds will be controlled on all well sites and rights-of-way. If noxious weeds spread from the well sites or rights-of-way, the company will also be responsible for their control.

B. SOILS/RANGE/WATERSHEDS

1. Soil erosion will be mitigated by reseeded all disturbed areas and by installing the following practices:

a. Diversion ditches	<u> </u>	Yes	<u> x </u>	No	<u> </u>	feet
b. Dikes	<u> </u>	Yes	<u> x </u>	No	<u> </u>	feet
c. Desilting ponds	<u> x </u>	Yes	<u> </u>	No	<u> 1 </u>	number
d. Drop structure	<u> </u>	Yes	<u> x </u>	No	<u> </u>	number
e. Gully plugs	<u> </u>	Yes	<u> x </u>	No	<u> </u>	number
f. High water crossing	<u> </u>	Yes	<u> x </u>	No	<u> </u>	number
g. Culverts	<u> </u>	Yes	<u> x </u>	No	<u> </u>	number
h. Water bars	<u> </u>	Yes	<u> x </u>	No	<u> </u>	number
i. Fencing	<u> 1 </u>	Yes	<u> </u>	No	<u> 22 </u>	rods
j. Cattleguards	<u> </u>	Yes	<u> x </u>	No	<u> </u>	number
k. Other, describe: <u>A desilting pond will be constructed in a draw about 300 feet north east of station 0+00.</u>						

2. Salt and pollution loading of the soil and geological formations will be mitigated by requiring the oil company to:

a. Line reserve pits with impervious synthetic liners
impervious synthetic liners ☒ yes ☐ no

b. Use a closed drilling system ☐ yes ☒ no
1. Reason(s): _____

c. Use a closed production system ☒ yes ☐ no
1. Reason(s): _____

d. Use an unlined emergency pit ☐ yes ☒ no
1. Use a synthetic liner ☒ yes ☐ no
2. Use a man made container ☒ yes ☐ no
3. Reason(s): _____

e. Production water, oil, and other by-products will not be applied to roads or well pads for the control of dust or weeds. Indiscriminate dumping of oil field by-products on tribal lands will not be allowed.

3. When the well is plugged and/or abandoned the gravel and road base hauled in to construct the well pad and access roads will be:

a. Hauled off ☐ yes ☒ no

b. Incorporated into the soil ☐ yes ☒ no

4. Soil compaction of the well pads and roads will be mitigated by ripping (minimum depth 24").

C. WILDLIFE/VEGETATION/THREATENED & ENDANGERED SPECIES

1. Upon Identification of Threatened & Endangered species, the following measures will be applied: N/A

2. Modifications to surface use will be implemented to protect the specific wildlife species encountered.

D. CULTURAL RESOURCES

All well sites, access roads, and pipeline rights-of-way will be cleared by a qualified archaeologist/paleontologist so that cultural sites will be avoided or salvaged.

7.0 UNAVOIDABLE ADVERSE IMPACTS

A. SURFACE ALTERATIONS

None of the adverse impacts listed in 5.0 above can be avoided in a practical manner except those which are mitigated in item 6.0 above and those specified in BLM's 13 point surface use plan.

B. RELATIONSHIP BETWEEN SHORT-TERM USE OF THE ENVIRONMENT VS LONG TERM PRODUCTIVITY.

1. Short Term: (Estimated 20 years) A total loss of production on the land and the associated environmental impacts will continue to influence the surrounding area for the productive life of the well.
2. Long Term: Standard policies provide for rehabilitation of the well sites and access roads. After the land is rehabilitated, it is not expected to return to its original productive capability. Normally, there will be a permanent scar left on the landscape.

C. IRREVERSIBLE AND IRRETRIEVABLE COMMITMENT

Oil and Gas are non-renewable resources, once they have been removed they can never be replaced.

8.0 CUMULATIVE IMPACTS

A. FULL DEVELOPMENT

Each additional well drilled for development increases the soil erosion potential, reduces wildlife habitat and grazing, increases potential soil and geologic pollution resulting from salt loading, reduces the soil's potential to recover, and increases the potential of water pollution from produced waters and hydro-carbons. Therefore, strict conformance with the mitigation measures and recommendations in this document is emphasized to minimize the adverse environmental impacts.

9.0 NEPA COMPLIANCE

A. RESEARCH/DOCUMENTATION

Based on available information, 1-14-92, the proposed location in the following areas of environmental impacts have been cleared:

<u>X</u>	Yes	<u> </u>	No	Listed Threatened & Endangered species
<u>X</u>	Yes	<u> </u>	No	Critical wildlife habitat
<u>X</u>	Yes	<u> </u>	No	Historical and cultural resources

10.0 REMARKS

A. SURFACE PROTECTION/REHABILITATION

All essential surface protection and rehabilitation requirements are specified above.

11.0 RECOMMENDATIONS

A. APPROVAL/DISAPPROVAL

We recommend approval x disapproval of the proposed action as outlined in item 1.0 above.

Dale S. Hansen
Representative - BIA Land Operations,
Utah and Ouray Agency

12.0 REVIEWING OFFICIAL

A. CONCURRENCE

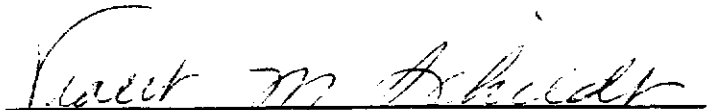
We concur with the approval ✓ disapproval of the proposed action as outlined in item 1.0 above.

DDM
Environmental Coordinator,
Utah and Ouray Agency

13.0 DECLARATION

A. APPROVAL

It has been determined that the proposed action is not a federal action significantly affecting the quality of the environment as it would require the preparation of an environmental impact statement in accordance with Section 102 (2) (c) of the National Environmental Policy Act of 1969 (42 USC 4331) (2) (C).


Superintendent,
Uintah and Ouray Agency

14.0 CONSULTATION

A. REPRESENTATIVES/ORGANIZATION

1. Robert Anderson - Heitzman Drilling Site Services
2. Larry Tavegia - Coastal Oil & Gas Corporation
3. Tommy Pummell - Stubbs & Stubbs
4. Harley Jackson - Jackson Construction
5. Byron Tolman - BLM
6. Leo Tapoof - UTEM
7. Dale Hanberg - BIA
8. Don Allred - Uintah Engineering
9. _____
10. _____



United States Department of the Interior
BUREAU OF INDIAN AFFAIRS
UINTAH AND OURAY AGENCY
Fort Duchesne, Utah 84026
(801) 722-2406 Ext.

IN REPLY REFER TO:

Real Estate Services
Ten. & Mgmt.

JUN 11 1992

Coastal Oil & Gas Company
600-17th Street
800-S
Denver, CO 80202

Dear Sirs:

This is your authority to proceed with construction of the following right-of-way.

Access Road/ Drillsite NBU# 172	NE/4 Section 19, T9S, R22E., SLB&M
---------------------------------------	---------------------------------------

Please abide by the following: Environmental Analysis Report No. 6. MITIGATION STIPULATIONS:

1. Landscape disturbance cannot be effectively mitigated at this time. However, before the site is abandoned the company will be required to restore the well pad, access roads and pipeline rights-of-way to near their original state. The disturbed area will be reseeded with desirable perennial vegetation and the seed will be covered with a weed free organic mulch.

2. Noxious weeds will be controlled on all well sites and rights of way. If noxious weeds spread from the well sites or rights-of way, the company will also be responsible for their control.

Upon completion of construction, please submit an Affidavit of Completion with accompanying Certification so that we may record all pertinent documents at our Southwest Title Plant in Albuquerque, New Mexico.

If you have any questions regarding the right-of-way, you may contact Mr. Roland McCook, Realty Officer or Norman Cambridge, Realty Specialist at (801) 722-2406 Ext. 48/46.

Sincerely,

Superintendent

GRANT OF EASEMENT FOR RIGHT-OF-WAY

KNOW ALL MEN BY THESE PRESENTS:

That the UNITED STATES OF AMERICA, as trustee for the UTE INDIAN TRIBE acting by and through the Superintendent of the Uintah and Ouray Agency, as "Grantor", under authority contained in 209 DM 8 (39 F.R. 32166), 10 BIAM 3 (34 F.R. 637), 230 DM 3 (20 F.R. 992), and Sec. 2.11 (34 F.R. 11109), pursuant and subject to the provisions of the Act of February 5, 1948 Stat. 17, (25 U.S.C. 323-328), and Part 169, Title 25, Code of Federal Regulations, in consideration of: Three Thousand Five Hundred Sixty-Four Dollars and Twenty-Five Cents, \$3564.25, (20) year lump sum fee, the receipt of which is acknowledged does hereby grant to: Coastal Oil & Gas Corporation., 600-17th Street, 800-S., Denver, Colo. 80202 its successors and assigns, hereinafter referred to as Grantee", an easement for right-of-way : 911.71' in length, 30' width for an access road and 2.06 acres for a drillsite located in NE1/4 Section 19 T9S., R22E., SLB&M., for the following purposes namely: The construction, maintenance, repair, inspection, protection, operation and removal of an Access road and Drillsite to NBU# 172 location together with the necessary appurtenances thereto, on, over and across the land embraced within the right-of-way located in Uintah County, Utah.

TO HAVE AND TO HOLD said easement and right-of-way unto the Grantee and unto its successors and assigns, together with the right of ingress and egress for the purpose described above for which said easement is granted. This easement is subject to any prior existing right or adverse claim and is for a 20 year period beginning June 10, 1992, so long as said easement shall actually be used for the purposes above specified. Consideration may be increased at five (5) year intervals if necessary to reflect then existing market prices. This right-of-way shall be terminable in whole or in part by the grantor for any of the following causes upon 30 days' written notice and failure of the Grantee within said notice period to correct the basis of termination. (25 CFR 169:20)

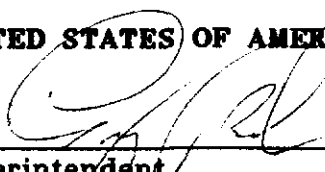
A. Failure to comply with any term or condition of the grant or the applicable regulations.

B. A nonuse of the right-of-way for a consecutive two-year period for the purpose for which it was granted.

The conditions of this easement shall extend to and be binding upon and shall inure to the benefit of the successors and assigns of the Grantee. It has been determined that approval of this document is not such a major federal action significantly affecting the quality of the human environment as to require the preparation of an environmental impact statement under Section 102 (2) (c) of the National Environmental Policy Act of 1969 (42 U.S.C. §4332) (2) (c).

IN WITNESS WHEREOF, Grantor has executed this Grant of Easement this _____ day of _____ 1992.

UNITED STATES OF AMERICA

By: 
Superintendent
U.S. Department of the Interior
Uintah and Ouray Agency
Fort Duchesne, UT 84026

ACKNOWLEDGEMENT OF GRANTING OFFICER

STATE OF UTAH

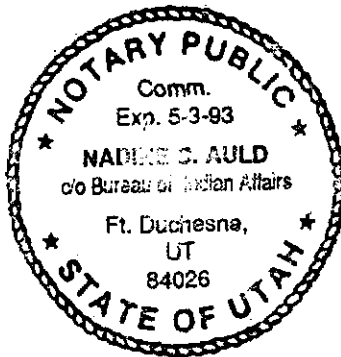
)
)SS

COUNTY OF UINTAH

BEFORE ME, a Notary Public, in and for said County and State, on
this 11th day of June, 19 92,

personally appeared Perry J. Baker whose

name is subscribed to the foregoing Grant of Easement for Right-
of-Way as ~~Acting~~ ^{XXXXXXXXXX} Superintendent, Uintah and Ouray Agency, Bureau of
Indian Affairs, and who acknowledged that he/~~she~~ now is and was at
the time of signing the same ~~Acting~~ ^{XXXXXX} Superintendent of the Uintah
and Ouray Agency, Bureau of Indian Affairs; and he/~~she~~ ^{XXX} personally
acknowledged to me that he/~~she~~ ^{XXXX} executed this said document in his/
~~her~~ official capacity and pursuant to authority delegated to
him/~~her~~ ^{XXXX} for the use and purpose set forth therein.



Nadine S. Auld
Notary Public

My Commission Expires: 5-3-93

Residing at: White Pine, NV

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: COASTAL 43-047-32194

WELL NAME: NBU 172

Section 19 Township 9S Range 22E County UINTAH

Drilling Contractor CHANDLER

Rig # 1

SPUDDED: Date 7/6/92

Time 11:00 AM

How DRY HOLE

Drilling will commence

Reported by DOUG W/LEON ROSS

Telephone # 1-722-4469

Date 7/6/92 SIGNED CAK

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR Coastal Oil & Gas Corporation
ADDRESS P. O. Box 749
Denver, CO 80201-0749

OPERATOR ACCT. NO. N 0230

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	2900	→	43-047-32194	NBU #172	NENE	19	9S	22E	Uintah	7/6/92	7/6/92
WELL 1 COMMENTS: <i>Entities added 7-14-92 for</i>											
B	2900	→	43-047-32084	CIGE #125-13-9-21	NWNW	13	9S	21E	Uintah	7/1/92	7/1/92
WELL 2 COMMENTS: FOR: CIG Exploration											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

RECEIVED

JUL 13 1992

**DIVISION OF
OIL GAS & MINING**

Eileen Danni Dey
Signature Eileen Danni Dey
Regulatory Analyst 7/10/92
Title Date
Phone No. (303) 573-4476

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-0284

6. If Indian, Allottee or Tribe Name

Ute Tribal

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #172

9. API Well No.

43-047-32194

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. Location of Well (Fontage, Sec., T., R., M., or Survey Description)

357' FNL & 861' FEL (NE/NE)
Section 19-T9S-R22E

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Report of Operations

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

MIRU Leon Ross Drilling, Inc. Spudded surface hole @ 11:00 a.m., 7/6/92. Drilled 12-1/4" hole to 262' GL. Ran 6 joints of 8-5/8" 24# K-55 ST&C casing and set @ 272' KB. Cemented w/150 sx Class "G" cement plus additives.

RECEIVED

JUL 13 1992

**DIVISION OF
OIL GAS & MINING**

14. I hereby certify that the foregoing is true and correct

Signed

Title Regulatory Analyst

Date 7/10/92

(This space for Federal or State Office use)

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit or CA, Agreement Designation Natural Buttes Unit
2. Name of Operator Coastal Oil & Gas Corporation	8. Well Name and No. NBU #172
3. Address and Telephone No. P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476	9. API Well No. 43-047-32194
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 357' FNL & 861' FEL (NE/NE) Section 19, T9S-R22E	10. Field and Pool, or Exploratory Area Natural Buttes
	11. County or Parish, State Uintah County, Utah

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Report of Operations

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for the drilling operations performed on the above referenced well.

RECEIVED

JUL 31 1992

**DIVISION OF
OIL GAS & MINING**

14. I hereby certify that the foregoing is true and correct.

Signed <u>[Signature]</u> (This space for Federal or State office use)	Title <u>Regulatory Analyst</u>	Date <u>7/27/92</u>
Approved by _____ Conditions of approval, if any:	Title _____	Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

NBU #172
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH
COASTALDRIL #2
WI: 60% COGC AFE: 13687
ATD: 6025' (WASATCH) SD: 7/10/92
CSG: 8-5/8" @ 272'; 5 1/2" @ 6025'
CWC(M\$): 177.2

7/8/92 272' KB. MIRU Leon Ross Drlg and spud surf hole at 11:00 a.m., 7/6/92. Drill 12-1/4" hole to 262' GL and run 6 jts 8-5/8" 24# K-55 ST&C, tally run 261.16'. Set at 272' KB. RU Halliburton and cmt w/150 sx Class G w/2% CaCl₂ and 1/4#/sx Flocele. Displace w/14.5 BFW and circ 8 bbls cmt to surf. CC: \$27,710.

7/10/92 272' RURT. MI CD#2. Anticipate spudding this afternoon. CC: \$53,333.

7/11/92 1140' Drlg 860'/12 hrs. MIRU. NU test BOPE to 2000#, hydril and csg to 1500#, OK. PU bit, BHA and rot hd. Drlg cmt from 240' to 272'. Drlg, svy: 1/2 deg @ 502'. Spudded well at 5:30 p.m., 7/10/92. Air mist, 1400 CFM. CC: \$64,530.

7/12/92 2645' Drlg 1505'/22 hrs. Drlg, svys: 1-3/4 deg @ 1171'; 2 deg @ 1516'; 1 deg @ 2021'. Chg rot hd rbr. Drlg w/air mist, 1400 CFM. CC: \$73,265.

7/13/92 3750' Drlg 1105'/19 hrs. Drlg, Trip to unplug bit. Svy: 1-1/4 degrees @ 2715'. RS, brk circ and go to aerated wtr. Drlg, repack swivel. Drlg, svy: 1-1/4 deg @ 3666'. Water at 2700'. Aerated wtr, 700 CFM. CC: \$80,953.

7/14/92 4800' Drlg 1050'/23 hrs. Drlg, RS and chk BOP. Drlg, svy: 1-1/2 deg @ 4702'. Drlg w/aerated wtr w/6#/bbl DAP. 1400 CFM air. CC: \$88,585.

7/15/92 5540' Drlg 740'/22 hrs. Drlg, RS, chk BOP. Drlg, work on LP hose in turbo. Drlg, svy: 2 deg @ 5208'. Drlg brks from 5150-5160'; 5181-5190' & 5490-5507'. Drlg w/aerated wtr w/6#/bbl DAP. 1400 CFM. CC: \$102,300.

7/16/92 6025' Logging 485'/14 hrs. Drlg, RS and chk BOP. Drlg, circ for wiper trip. Made 20 std ST, displace hole w/500 bbls brine wtr. POOH to log. RU HLS and log well. Drlg brk from 5657-84'. Aerated wtr, 1400 CFM air. CC: \$111,252.

7/17/92 6025' RDRT. Moving to CIGE 126. Logging DLL, Density Neutron, Caliper. TIH. LD DP, break kelly, LD DC. Ran 5-1/2" csg - 143 jts, 17# J-55 LT&C. Set at 6025'. Circ and clean hole. Cmt w/Howco. Lead 400 sxs Hi-Fill w/1#/sx Capseal, .3% HR-7. Tail w/375 sx 50-50 Poz, 2% gel, 10% salt BWOW, .6% Halad 24, .2% CFR-3, 1#/sx Capseal, 1/4#/sx Flocele. Displace w/139 bbls wtr. Bump plug w/2100#. Circ 55 bbls cmt to surf. Set csg slips w/90,000#, ND BOP. Released rig at 6:00 a.m., 7/17/92. CC: \$186,995. FINAL DRILLING REPORT.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. U-0284	
1b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> REPAIR <input type="checkbox"/> PATCH BACK <input type="checkbox"/> DIFF. REPAIR <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribal Surface	
2. NAME OF OPERATOR Coastal Oil & Gas Corporation		7. UNIT AGREEMENT NAME Natural Buttes Unit	
3. ADDRESS OF OPERATOR P.O. Box 749 Denver, CO 80201-0749		8. FARM OR LEASE NAME NBU	
4. LOCATION OF WELL (Report location clearly and in accordance with any special requirements)* At surface 357' FNL & 861' FEL (NW/NE) At top prod. interval reported below Same as above. At total depth Same as above.		9. WELL NO. 172	
14. PERMIT NO. 43-047-32194		10. FIELD AND POOL, OR WILDCAT Natural Buttes	
15. DATE SPUDDED 7/6/92		11. SEC. T., R., M., OR BLOCK AND SURVEY ON AREA Section 19, T9S, R22E	
16. DATE T.D. REACHED 7/15/92		12. COUNTY OR PARISH Utah	
17. DATE COMPL. (Ready to prod.) 10/6/92		13. STATE Utah	
18. ELEVATIONS (OF, RMR, ST, GR, ETC.)* 4859' GR		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 6025'		21. PLUG, BACK T.D., MD & TVD 5970'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS SFC-TD CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5662-5738' Wasatch		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CDL/DNS; DLL; CBL/CCL/GR 9-18-92		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	24#	272'	12-1/4"
5-1/2"	17#	6025'	7-7/8"
		CEMENTING RECORD	
		150 sx Cl "G" + Add	
		775 sx HiFill & 50/50 Poz	
		AMOUNT PULLED	
		None	
		None	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*
			SCREEN (MD)
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	5612'		
31. PERFORATION RECORD (Interval, size and number) Perforated w/4" csg gun, 1 JSPF @ the following depths: 5662' 5690' 5674' 5738' 5684'			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH-INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5662-5738'		1500 gals HCL & 15 RCN's	
5662-5738'		64,700 gal gel; 3% KCL wtr w/30% CO ₂ & 129,820# 20/40 sand	
33. PRODUCTION			
DATE FIRST PRODUCTION 9/30/92		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
DATE OF TEST 10/6/92		WELL STATUS (Producing or shut-in) SI	
HOURS TESTED 24	CHOKER SIZE 18/64"	PROD'N. FOR TEST PERIOD →	OIL—BSL. 0
			GAS—MCF. 1500
			WATER—BSL. 0
			WAB-OIL RATIO N/A
FLOW. TUBING PRESS. 850	CASING PRESSURE 850	CALCULATED 24-HOUR RATE →	OIL—BSL. 0
			GAS—MCF. 1500
			WATER—BSL. 0
			OIL GRAVITY-API (CORR.) N/A
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SIWOPLC.			
35. LIST OF ATTACHMENTS Chronological history.			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Eileen Danni Day		TITLE Regulatory Analyst	
		DATE 11/10/92	

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Wasatch	4871'	4871'
				TO MICHIGAN THINNING & CARBONATE		
				SECT. 1 - 100'		
				100' TO 200'		
				200' TO 300'		
				300' TO 400'		
				400' TO 500'		
				500' TO 600'		
				600' TO 700'		
				700' TO 800'		
				800' TO 900'		
				900' TO 1000'		
				1000' TO 1100'		
				1100' TO 1200'		
				1200' TO 1300'		
				1300' TO 1400'		
				1400' TO 1500'		
				1500' TO 1600'		
				1600' TO 1700'		
				1700' TO 1800'		
				1800' TO 1900'		
				1900' TO 2000'		
				2000' TO 2100'		
				2100' TO 2200'		
				2200' TO 2300'		
				2300' TO 2400'		
				2400' TO 2500'		
				2500' TO 2600'		
				2600' TO 2700'		
				2700' TO 2800'		
				2800' TO 2900'		
				2900' TO 3000'		
				3000' TO 3100'		
				3100' TO 3200'		
				3200' TO 3300'		
				3300' TO 3400'		
				3400' TO 3500'		
				3500' TO 3600'		
				3600' TO 3700'		
				3700' TO 3800'		
				3800' TO 3900'		
				3900' TO 4000'		
				4000' TO 4100'		
				4100' TO 4200'		
				4200' TO 4300'		
				4300' TO 4400'		
				4400' TO 4500'		
				4500' TO 4600'		
				4600' TO 4700'		
				4700' TO 4800'		
				4800' TO 4900'		
				4900' TO 5000'		
				5000' TO 5100'		
				5100' TO 5200'		
				5200' TO 5300'		
				5300' TO 5400'		
				5400' TO 5500'		
				5500' TO 5600'		
				5600' TO 5700'		
				5700' TO 5800'		
				5800' TO 5900'		
				5900' TO 6000'		
				6000' TO 6100'		
				6100' TO 6200'		
				6200' TO 6300'		
				6300' TO 6400'		
				6400' TO 6500'		
				6500' TO 6600'		
				6600' TO 6700'		
				6700' TO 6800'		
				6800' TO 6900'		
				6900' TO 7000'		
				7000' TO 7100'		
				7100' TO 7200'		
				7200' TO 7300'		
				7300' TO 7400'		
				7400' TO 7500'		
				7500' TO 7600'		
				7600' TO 7700'		
				7700' TO 7800'		
				7800' TO 7900'		
				7900' TO 8000'		
				8000' TO 8100'		
				8100' TO 8200'		
				8200' TO 8300'		
				8300' TO 8400'		
				8400' TO 8500'		
				8500' TO 8600'		
				8600' TO 8700'		
				8700' TO 8800'		
				8800' TO 8900'		
				8900' TO 9000'		
				9000' TO 9100'		
				9100' TO 9200'		
				9200' TO 9300'		
				9300' TO 9400'		
				9400' TO 9500'		
				9500' TO 9600'		
				9600' TO 9700'		
				9700' TO 9800'		
				9800' TO 9900'		
				9900' TO 10000'		

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

NBU #172
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH
COASTALDRIL #2
WI: 60% COGC AFE: 13687
ATD: 6025' (WASATCH) SD: 7/10/92
CSG: 8-5/8" @ 272'; 5 1/2" @ 6025'
CWC(M\$): 177.2

7/8/92 272' KB. MIRU Leon Ross Drlg and spud surf hole at 11:00 a.m., 7/6/92. Drill 12-1/4" hole to 262' GL and run 6 jts 8-5/8" 24# K-55 ST&C, tally run 261.16'. Set at 272' KB. RU Halliburton and cmt w/150 sx Class G w/2% CaCl₂ and 1/4#/sx Flocele. Displace w/14.5 BFW and circ 8 bbls cmt to surf. CC: \$27,710.

7/10/92 272' RURT. MI CD#2. Anticipate spudding this afternoon. CC: \$53,333.

7/11/92 1140' Drlg 860'/12 hrs. MIRU. NU test BOPE to 2000#, hydril and csg to 1500#, OK. PU bit, BHA and rot hd. Drlg cmt from 240' to 272'. Drlg, svy: 1/2 deg @ 502'. Spudded well at 5:30 p.m., 7/10/92. Air mist, 1400 CFM. CC: \$64,530.

7/12/92 2645' Drlg 1505'/22 hrs. Drlg, svys: 1-3/4 deg @ 1171'; 2 deg @ 1516'; 1 deg @ 2021'. Chg rot hd rbr. Drlg w/air mist, 1400 CFM. CC: \$73,265.

7/13/92 3750' Drlg 1105'/19 hrs. Drlg, Trip to unplug bit. Svy: 1-1/4 degrees @ 2715'. RS, brk circ and go to aerated wtr. Drlg, repack swivel. Drlg, svy: 1-1/4 deg @ 3666'. Water at 2700'. Aerated wtr, 700 CFM. CC: \$80,953.

7/14/92 4800' Drlg 1050'/23 hrs. Drlg, RS and chk BOP. Drlg, svy: 1-1/2 deg @ 4702'. Drlg w/aerated wtr w/6#/bbl DAP. 1400 CFM air. CC: \$88,585.

7/15/92 5540' Drlg 740'/22 hrs. Drlg, RS, chk BOP. Drlg, work on LP hose in turbo. Drlg, svy: 2 deg @ 5208'. Drlg brks from 5150-5160'; 5181-5190' & 5490-5507'. Drlg w/aerated wtr w/6#/bbl DAP. 1400 CFM. CC: \$102,300.

7/16/92 6025' Logging 485'/14 hrs. Drlg, RS and chk BOP. Drlg, circ for wiper trip. Made 20 std ST, displace hole w/500 bbls brine wtr. POOH to log. RU HLS and log well. Drlg brk from 5657-84'. Aerated wtr, 1400 CFM air. CC: \$111,252.

7/17/92 6025' RDRT. Moving to CIGE 126. Logging DLL, Density Neutron, Caliper. TIH. LD DP, break kelly, LD DC. Ran 5-1/2" csg - 143 jts, 17# J-55 LT&C. Set at 6025'. Circ and clean hole. Cmt w/Howco. Lead 400 sxs Hi-Fill w/1#/sx Capseal, .3% HR-7. Tail w/375 sx 50-50 Poz, 2% gel, 10% salt BWOW, .6% Halad 24, .2% CFR-3, 1#/sx Capseal, 1/4#/sx Flocele. Displace w/139 bbls wtr. Bump plug w/2100#. Circ 55 bbls cmt to surf. Set csg slips w/90,000#, ND BOP. Released rig at 6:00 a.m., 7/17/92. CC: \$186,995. FINAL DRILLING REPORT.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

PAGE 2

NBU #172
NE/NE SECTION 19, T9S-R22E
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH
WI: 60.00% COGC AFE: 13687
TD: 6025' (WASATCH) SD: 7/10/92
CSG: 5-1/2" @ 6025' PBDT: 5992' (FC)
PERFS: 5662'-5738'
CWC(MS): 376.2

7/18/92 WOCU. Drop from report until further activity.
TC: \$186,995

7/25/92 WO completion. MIRU HLS. Ran CBL-CCL-GR log from 5945' to surface.
Good bond, TOC @ 124'. Logged w/1000 psi on csg. Drop from report.
DC: \$2,970 TC: \$189,965

9/27/92 Prep to perf. MIRU Well Tech. TIH w/4-3/4" bladed mill. Tag PBDT
@ 5970'. Circ hole w/3% KCl. POOH w/tbg.
DC: \$19,570 TC: \$209,535

9/29/92 Swab load. MIRU Cutters Wireline. Perf 5 holes 5662', 5674', 5684',
5690', 5738'. RD Cutters. MIRU Smith Energy. Breakdown Wasatch
w/1500 gal HCl + 15 - 7/8" RCN's. Max press 5000 psi, avg press 4900
psi. Rate 7.5 BPM. ISIP 800 psi, 5 min 410 psi, 10 min 390 psi, 15
min 320 psi. 84 BLTBR. RD Smith Energy. Open well - well bled off.
Swab 70 bbls - well dead.
DC: \$7,231 TC: \$216,766

9/30/92 Flwg 160 MCFD gas, FTP 50 psi, CP 100 psi, 20/64" chk, 10 BWP. RDMO
Well Tech rig #565.
DC: \$16,500 TC: \$233,266

10/1/92 SI, WO frac. Flwd 400 MCFD dry gas, FTP 150 psi, CP 200 psi, 20/64"
chk. SI @ 1:00 p.m., 9/30/92. Drop from report.

10/3/92 Flwg back after frac. Set & fill frac tanks & CO₂ vessels. RU
Western Company. Frac perfs 5662'-5738' (5 holes) w/64,700 gal gel
3% KCl wtr w/30% CO₂ & 129,820# 20/40 sand as follows:

18,000 gal pad.
10,500 gal w/1 ppg sand.
10,500 gal w/2 ppg sand.
10,500 gal w/3 ppg sand.
5,250 gal w/4 ppg sand.
5,250 gal w/6 ppg sand.
4,700 gal flush.

AIR 25 BPM @ 3250 psi. ISIP 1600 psi, 15 min 1440 psi. SI 2-hrs.
Start flow back @ 9:30 p.m. on 20/64" chk. 1356 BLTBR.
DC: \$70,850 TC: \$304,116

10/4/92 Flwg 1.5 MMCFD CO₂, FTP 825 psi, CP 550 psi, 18/64" chk, 30 BWP.

10/5/92 Flwg 1.5 MMCFD CO₂ & gas, FTP 850 psi, CP 850 psi, 18/64" chk, 20
BWP.

10/6/92 SI, WOPLC. Flwd 1.5 MMCFD gas, FTP 850 psi, CP 850 psi, 18/64" chk,
15 BWP. Shut well in. Drop from report.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-0284
2. Name of Operator Coastal Oil & Gas Corporation	6. If Indian, Allottee or Tribe Name N/A
3. Address and Telephone No. P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476	7. If Unit or CA, Agreement Designation Natural Buttes Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 357' FNL & 861' FEL (NE/NE) Section 19, T9S-R22E	8. Well Name and No. NBU #172
	9. API Well No. 43-047-32194
	10. Field and Pool, or Exploratory Area Natural Buttes
	11. County or Parish, State Uintah County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other First Sales
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

The above referenced well was connected to CIG's gas salesline and first sales occurred at 11:00 a.m., 2/12/93, with a rate of 710 MCFPD, 0 BOPD, 0 BWPD, FTP 1454 psi, SICP 1297 psi, on 13/64" choke.

RECEIVED

FEB 25 1993

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Eileen Daniel Day Title Regulatory Analyst Date 2/22/93

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any: _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

**UTAH DIVISION OF OIL, GAS AND MINING
EQUIPMENT INVENTORY**

Operator: COASTAL OIL & GAS CORP. Lease: State: Federal: Y
Indian: Fee:

Well Name: NBU 172 API Number: 43-047-32194
Section: 19 Township: 9S Range: 22E County: UINTAH Field:
NATURAL BUTTES
Well Status: PGW Well Type: Oil: Gas: Y

PRODUCTION LEASE EQUIPMENT: Y CENTRAL BATTERY:

Y Well head Boiler(s) Compressor Separator(s)
Y Dehydrator(s) (1) Shed(s) Line Heater(s) Y Heated
Separator
 VRU Heater Treater(s)

PUMPS:

 Triplex Y Chemical Centrifugal

LIFT METHOD:

 Pumpjack Hydraulic Submersible Flowing

GAS EQUIPMENT:

Y Gas Meters Purchase Meter Y Sales Meter

TANKS: NUMBER

SIZE

<u> </u> Oil Storage Tank(s)	<u> </u> BBLS
<u> </u> Water Tank(s)	<u> </u> BBLS
<u> </u> Power Water Tank	<u> </u> BBLS
<u>YES</u> Condensate Tank(s)	<u>1-100 BARREL</u> BBLS
<u> </u> Propane Tank	<u> </u>

REMARKS: HEATED SEPARATOR, DEHYDRATOR, SALES METER IN SINGLE SHED.

Location central battery: Qtr/Qtr: Section: Township:
Range:

Inspector: DENNIS INGRAM Date: 6/24/93

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

Lease Designation and Serial No.

U-0284

Indian, Addressee or Tribe Name

N/A

Unit or CAL Agreement Designation

Natural Buttes Unit

Well Name and No.

NBU #172

API Well No.

43-047-32194

Field and Pool, or Exploratory Area

Natural Buttes

County or Parish, State

Uintah County, UT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals

SUBMIT IN TRIPLICATE

Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

Name of Operator

Coastal Oil & Gas Corporation

Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749 (303) 573-4476

Location of Well (Fontage, Sec., T., R., M., or Survey Description)

357' FNL & 861' FEL (NE/NE)
Sec. 19-T9S-R22E

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other NTL 2B
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

3. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Coastal Oil & Gas Corporation requests permission to install a 400-BBL tank for produced water on the above-referenced well. The produced water will then be hauled off location to an approved disposal pit or disposal well.

Accepted by the State
of Utah Division of
Oil, Gas and Mining
Date: 7-28-93
By: [Signature]

RECEIVED

JUL 22 1993

DIVISION OF
OIL, GAS & MINING

I hereby certify that the foregoing is true and correct

Signed [Signature] Title Regulatory Analyst

Date 7/20/93-mar

(This space for Federal or State office use)

Approved by Federal Approval of this
Conditions of approval Necessary

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description):

357' FNL & 861' FEL (NE/NE)
Section 19, T9S-R22E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

U-0284

6. If Indian, Allottee or Tribe Name

Ute Tribe

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU 172

9. API Well No.

43-047-32194

10. Field and Pool, or exploratory Area

Natural Buttes

11. County or Parish, State

Uintah Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

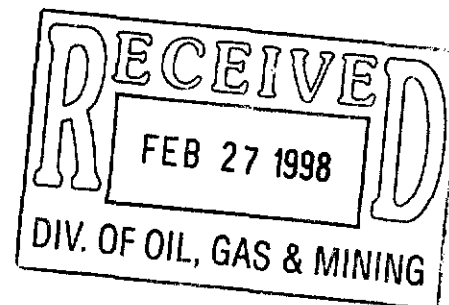
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other lwr tbg. acdz and install
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

PLE

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please see attached procedure for work to be performed on the subject well.



14. I hereby certify that the foregoing is true and correct

Signed

Bonnie Carson

Title

Bonnie Carson

Sr. Environmental Analyst

Date 2/23/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

NBU #172-19-9-22
NATURAL BUTTES FIELD
SECTION 19 T9S R22E
WORKOVER PROCEDURE *HWM*

WELL DATA

LOCATION: 357' FNL 861' FEL SEC. 19 T9S R22E
ELEVATION: 4859' GR., 4871' KB.
TD: 6025', PBTD 5970' (1992)
CSG: 8-5/8", 24.0#, K-55 @ 272' w/ 150 SX.
5-1/2", 17.0#, J-55 @ 6025' w/ 775 SX.
TBG: 2-3/8", 4.7#, J-55 @ 5596' (1992)
FORMATION(S): WASATCH 5662' - 5738', 5 HOLES (1992)

PROCEDURE

1. MI & RU pulling unit. Blow down & kill well w/ minimum amount of 2% KCL water. ND WH. NU BOP. Record BLTR.
2. **NOTE: No record of well being worked over since being completed in 1992, expect scale. POOH w/ 2-3/8" tbg.**
3. MI & RU Air/Foam unit. RIH w/ 2-3/8" tbg & 4-3/4" mill. CO to 5970' (PBTD). TOOH & LD mill.
4. RIH w/ 2-3/8" ^(s.p.)tbg w/ NC & SN 1jt up to 5738'. RU service company. Circulate 3 bbls 15% HCL acid with additives across perf's 5662' - 5738' to clean up possible scale. ^(SCALE 30 MIN MINIMUM) RD service company. PU & land 2-3/8" tbg @ 5738' (new EOT).
5. ND BOP. NU WH. RD & MO pulling & Air/Foam units. RU swab unit. Swab/flow back to clean up acid.
6. Install plunger lift equipment. Return the well to sales.

ESTIMATED: 5 DAYS
\$26,000

OK

LEASE: N70
WELL #: 172
FIELD: Natural Bridge
LOCATION: 19-4-12
COUNTY/STATE: Lincoln, W. Va.

TD: 6033
PBD: 5970
PERFS: 5662 5738
5 holes

PROD. FORM(S):

DATE: 9-28-52 BY: PD

FORM. TOPS

ITEM, QUANTITY, DEPTHS, GRADE, WEIGHT, CPLG, Etc.		O.D.	I.D.
HOLE SIZE: <u>12 1/4</u> "			
SURFACE CASING:			
O.D. <u>11 1/2</u> " WEIGHT(S) <u>24</u> #			
GRADE(S) <u>K 55</u> CPLG <u>5730</u>			
SET AT <u>272</u> 'W <u>150</u> SK			
HOLE SIZE: <u>5 1/2</u> 17"			
<u>5 1/2</u> 17" C56 @ 6025 W 775 SK			
<p>KB 12.00</p> <p>1. Hanger 1.00</p> <p>2. Blast Sub 10.00</p> <p>3. 17416 2 3/4 end thy 55 39 38</p> <p>4. Seat Nipple 1.07</p> <p>5. 1 1/2 2 3/4 9th thy 31.62</p> <p>6. .50</p> <p>EOT @ 55 95 58</p>			

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

357' FNL & 861' FEL (NE/NE)

Section 19, T9S-R22E

FORM APPROVED

Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

U-0284

6. If Indian, Allottee or Tribe Name

Ute Tribe

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU 172

9. API Well No.

43-047-32194

10. Field and Pool, or exploratory Area

Natural Buttes

11. County or Parish, State

Uintah

Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

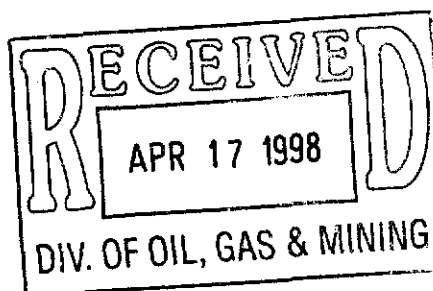
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other lwr tbg. acdz and install
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

PLE

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please see attached chronological history for work performed on the subject well.



WTC
12-23-98
RSM

14. I hereby certify that the foregoing is true and correct

Signed

Bonnie Carson

Title

Bonnie Carson

Sr. Environmental Analyst

Date

4/15/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

CO-LWR TBG-ACIDIZE-PLE**AFE #: 27794**

3/27/98 **Prep to acidz. MIRU WSR #101. Blow well down. ND WH, NU BOP. PU & RIH w/tbg. Tag sd @ 5819'. POOH above perms. SDFN.** CC: \$ 4,940

3/28/98 **Swb. SICP 300#, SITP 30#. Blow down. RIH w/2 3/8" tbg w/EOT @ 5739'. RU BJ. Spot 22 BBLs 2% KCl, 3 BBLs HCl w/adds. Flush w/22 BBLs 2% KCl. RD BJ. ND BOP, NU WH w/EOT @ 5748', SN @ 5715'. RDMO. Install PLE. MIRU SU. W/o Flwbck tank. SICP 200#, SITP 0#. SDFN.** CC: \$12,603

3/29/98 **Swbg. Hooked up temp tank. SITP 0, SICP 210. IFL 5200'. Swb 28 BLF/11 runs. FTP 50, FCP 200, FFL 5400'. SDFN.** CC: \$14,685

3/30/98 **On sales. SITP 175 psi, SICP 250 psi. Blow well. Unload wtr. Drop & trip plunger. Put well on sales line. FTP 100 psi, FCP 200 psi.** CC: \$15,225

3/31/98 **Flwd 111 MCF, 11 BW, FTP 158#, FCP 200#, 40/64" chk / 16 hrs.**

4/01/98 **Flwd 98 MCF, 2 BW, FTP 144#, FCP 210#, 40/64" chk / 24 hrs.**

4/02/98 **Flwd 95 MCF, 0 BW, FTP 160#, FCP 190#, 40/64" chk / 24 hrs.**

4/03/98 **Flwd 113 MCF, 0 BW, FTP 138#, FCP 190#, 40/64" chk / 24 hrs.**

4/04/98 **Flwd 129 MCF, 12 BC, 0 BW, FTP 98#, FCP 125#, 40/64" chk / 24 hrs.**

4/05/98 **Flwd 64 MCF, 0 BW, FTP 109#, FCP 210#, 40/64" chk / 24 hrs.**

4/06/98 **Flwd 138 MCF, 0 BW, FTP 130#, FCP 136#, 40/64" chk / 24 hrs.**

4/07/98 **Flwd 140 MCF, 4 BC, 0 BW, FTP 132#, FCP 143#, 40/64" chk / 24 hrs. Prior prod: Flwg 122 MCF, 0 BC, 0 BW, FTP 144#, CP 153#, 40/64" ck / 24 hrs. FINAL REPORT.**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 8 South 1200 East City Vernal STATE Utah ZIP 84078	7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH	8. WELL NAME and NUMBER: Exhibit "A"
	9. API NUMBER:
	10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE [Signature] DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE [Signature] DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

State of Delaware
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

MAR 9 2001

DIVISION OF
OIL, GAS AND MINING



0610204 8100

010162788

Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 1061007

DATE: 04-03-01

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION



David L. Siddall
Vice President

Attest:


Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

RECEIVED

JUL 12 2001

DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:

3106

UTSL-065841

(UT-924)

JUL 10 2001

NOTICE

El Paso Production Oil & Gas Company : Oil and Gas
Nine Greenway Plaza :
Houston TX 77046-0095 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta
Acting Chief, Branch of
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
~~State of Utah~~ DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS
2. CDW	✓	5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X Merger

The operator of the well(s) listed below has changed, effective: **3-09-2001**

FROM: (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No.

Unit: NATURAL BUTTES

WELL(S)

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
CIGE 114-34-9-21	43-047-31915	2900	34-09S-21E	FEDERAL	GW	S
CIGE 143-34-9-21	43-047-31995	2900	34-09S-21E	FEDERAL	GW	P
CIGE 115-35-9-21	43-047-31918	2900	35-09S-21E	FEDERAL	GW	P
NBU 156	43-047-32005	2900	35-09S-21E	FEDERAL	GW	P
NBU 33-17B	43-047-30396	2900	17-09S-22E	FEDERAL	GW	P
NBU 48	43-047-30538	2900	18-09S-22E	FEDERAL	GW	P
NBU 23	43-047-30868	2900	19-09S-22E	FEDERAL	GW	P
NBU 212-19	43-047-31267	2900	19-09S-22E	FEDERAL	GW	P
NBU 108	43-047-31958	2900	19-09S-22E	FEDERAL	GW	P
NBU 136	43-047-31968	2900	19-09S-22E	FEDERAL	GW	P
NBU 172	43-047-32194	2900	19-09S-22E	FEDERAL	GW	P
NBU 339-19E	43-047-32281	2900	19-09S-22E	FEDERAL	GW	P
NBU 200	43-047-32359	2900	19-09S-22E	FEDERAL	GW	P
NBU 277	43-047-33042	2900	19-09S-22E	FEDERAL	GW	P
NBU 388-19E	43-047-33057	2900	19-09S-22E	FEDERAL	GW	P
NBU 8-20B	43-047-30275	2900	20-09S-22E	FEDERAL	GW	S
NBU 32Y	43-047-30514	2900	20-09S-22E	FEDERAL	GW	P
NBU 211-20	43-047-31156	2900	20-09S-22E	FEDERAL	GW	P
NBU 308-20E	43-047-32202	2900	20-09S-22E	FEDERAL	GW	P
NBU 340-20E	43-047-32327	2900	20-09S-22E	FEDERAL	GW	P

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If NO, the operator was contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: 07/10/2001
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 08/01/2001
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 08/01/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEDERAL BOND VERIFICATION:

1. Federal well(s) covered by Bond No.: WY 2793

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____

FILMING:

1. All attachments to this form have been MICROFILMED on: _____

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filed in each well file on: _____

COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

JAN. 17. 2003 3:34PM

WESTPORT

NO. 173 P. 2



WESTPORT OIL AND GAS COMPANY, L.P.

410 Seventeenth Street #2300 Denver Colorado 80202-4436
Telephone: 303 573 5404 Fax: 303 573 5409

February 1, 2002

Department of the Interior
Bureau of Land Management
2850 Youngfield Street
Lakewood, CO 80215-7093
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203
BLM Nationwide Bond 158626364
Surety - Continental Casualty Company
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

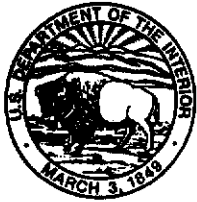
Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,
Westport Oil and Gas Company, L.P.

Debby J. Black
Debby J. Black
Engineer Technician

Encl;



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al
(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas
410 Seventeenth Street, #2300 :
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

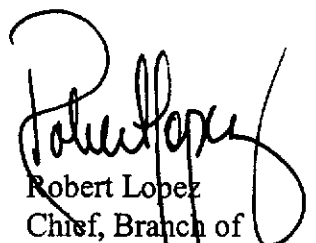
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405
UTU-20895
UTU-25566
UTU-43156
UTU-49518
UTU-49519
UTU-49522
UTU-49523



Robert Lopez
Chief, Branch of
Minerals Adjudication

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

memorandum

Branch of Real Estate Services
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

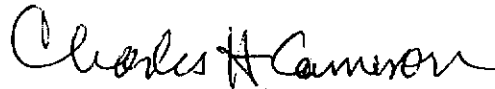
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES
Ute Energy & Mineral Resources Department: Executive Director
chrono



**United States Department of the Interior****BUREAU OF INDIAN AFFAIRS**

Washington, D.C. 20240

FEB 10 2003IN REPLY REFER TO:
Real Estate Services

Carroll A. Wilson
Principal Landman
Westport Oil and Gas Company, L.P.
1368 South 1200 East
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

A handwritten signature in black ink, appearing to read "Perry E. Brown".

Director, Office of Trust Responsibilities**ACTING****Enclosure**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 9 Greenway Plaza CITY Houston STATE TX ZIP 77064-0995		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (832) 676-5933		8. WELL NAME and NUMBER: Exhibit "A"
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY:		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # _____

State Surety Bond No. RLB0005236
Fee Bond No. RLB0005238

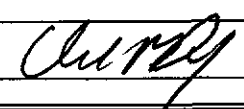
EL PASO PRODUCTION OIL & GAS COMPANY

By: 
Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.			
NAME (PLEASE PRINT)	David R. Dix	TITLE	Agent and Attorney-in-Fact
SIGNATURE		DATE	12/17/02

(This space for State use only)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.
Attn: Gary D. Williamson
1670 Broadway, Suite 2800
Denver, Colorado 80202

Re: Natural Buttes Unit
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
Minerals Adjudication Group
File - Natural Buttes Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

Form 3160-5
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	SUCCESSOR OF
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletes horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed when testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW ✓

3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: 12-17-02

FROM: (Old Operator):	TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

CA No.

Unit:

NATURAL BUTTES

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 9	19-09S-22E	43-047-30116	2900	FEDERAL	GW	PA
NBU 23N	19-09S-22E	43-047-30868	2900	FEDERAL	GW	P
NBU 212-19J	19-09S-22E	43-047-31267	2900	FEDERAL	GW	P
NBU 108	19-09S-22E	43-047-31958	2900	FEDERAL	GW	P
NBU 136	19-09S-22E	43-047-31968	2900	FEDERAL	GW	P
NBU 172	19-09S-22E	43-047-32194	2900	FEDERAL	GW	P
NBU 339-19E	19-09S-22E	43-047-32281	2900	FEDERAL	GW	P
NBU 200	19-09S-22E	43-047-32359	2900	FEDERAL	GW	P
NBU 277	19-09S-22E	43-047-33042	2900	FEDERAL	GW	P
NBU 388-19E	19-09S-22E	43-047-33057	2900	FEDERAL	GW	P
NBU 8-20B	20-09S-22E	43-047-30275	2900	FEDERAL	GW	S
NBU 308-20E	20-09S-22E	43-047-32202	2900	FEDERAL	GW	P
NBU 340-20E	20-09S-22E	43-047-32327	2900	FEDERAL	GW	P
NBU 32Y	20-09S-22E	43-047-30514	2900	FEDERAL	GW	P
NBU 211-20	20-09S-22E	43-047-31156	2900	FEDERAL	GW	P
NBU 10-29B	29-09S-22E	43-047-30274	2900	STATE	GW	P
NBU CIGE 24-29-9-22	29-09S-22E	43-047-30493	2900	STATE	GW	P
NBU CIGE 63D-29-9-22P	29-09S-22E	43-047-30949	2900	FEDERAL	GW	P
NBU CIGE 116-29-9-22	29-09S-22E	43-047-31919	2900	FEDERAL	GW	P
NBU CIGE 145-29-9-22	29-09S-22E	43-047-31993	2900	STATE	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted on: _____

6. (R649-9-2) Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 03/18/2003
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/18/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: RLB 0005236

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 158626364

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: RLB 0005239

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number RLB 0005238
2. The FORMER operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
WESTPORT OIL & GAS COMPANY, L.P.3a. Address
P.O. BOX 1148 VERNAL, UT 840783b. Phone No. (include area code)
(435) 781-4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Multiple Wells - see attached5. Lease Serial No.
Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
891008900A8. Well Name and No.
Multiple Wells - see attached9. API Well No.
Multiple Wells - see attached10. Field and Pool, or Exploratory Area
Natural Buttes Unit11. County or Parish, State
Uintah County, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped.

The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached.

Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

J.T. Conley

Signature

COPY SENT TO OPERATOR

Date:

Initials:

Date

Title

Date

Operations Manager

9-2-2003

SEP 10 2003

DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date: 9/16/03

Accepted by the
Utah Division of
Oil, Gas and MiningFederal Approval of This
Action is Necessary

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Westport Oil & Gas, L.P.

Project Economics Worksheet

Instructions:

Fill in blue boxes with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage Economics

Is this job a well pull or production rig job ??? ☒ N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULLING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
Totals	\$0	\$350	\$350

Increased OPX Per Year

Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	830/830/840	\$1,200
Expense \$	830/840	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.16	\$/MCF
Electric Cost	\$ -	\$ / HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.42	\$/MCF

Production & OPX Detail:

	Before	After	Difference
Oil Production	0.192 BOPD	0.194 BOPD	0.002 BOPD
Gas Production	0 MCFPD	0 MCFPD	0 MCFPD
Wtr Production	0 BWPD	0 BWPD	0 BWPD
Horse Power	0 HP	0 HP	0 HP
Fuel Gas Burned	0 MCFPD	0 MCFPD	0 MCFPD

Project Life:

Life = 20.0 Years
(Life no longer than 20 years)

Internal Rate of Return:

After Tax IROR = #DIV/0!

AT Cum Cashflow:

Operating Cashflow = (\$2,917) (Discounted @ 10%)

Payout Calculation:

$$\text{Payout} = \frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}} = 1$$

Payout occurs when total AT cashflow equals investment
See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

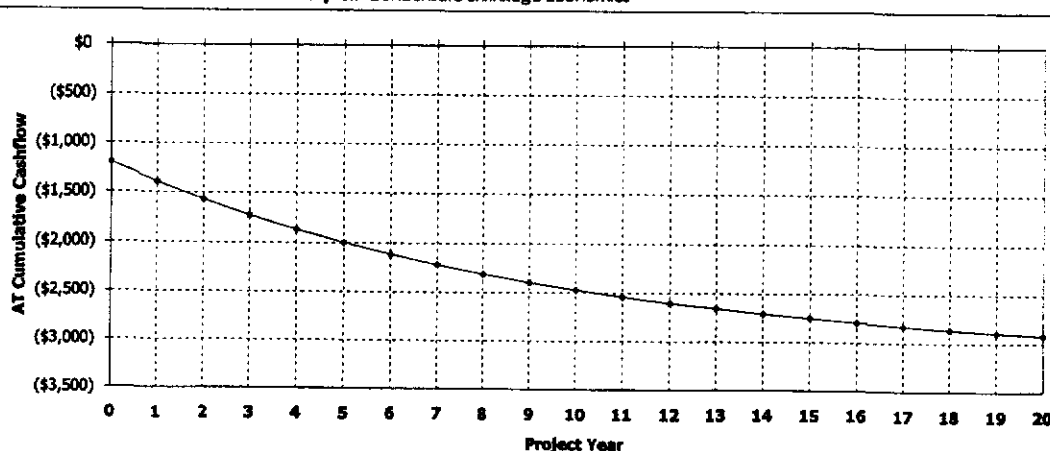
Gross Reserves:

Oil Reserves = 4 BO
Gas Reserves = 0 MCF
Gas Equiv Reserves = 38 MCFE

Notes/Assumptions:

An average NGL well produces 0.192 Bopd with no tank pressure. The production is increased to 0.194 Bopd if 4 ozs of pressure are placed on the tank. The increased production does not pay for the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl) (A)	Specific Gravity of Flashed Gas (Air=1.000)	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

Calculated at Laboratory Flash Conditions

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

Calculated Flash with Backpressure using Tuned EOS

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

WELL	LEGALS	STFLEASENO	CANUMBER	APINO
NBU 149	5-10-22 NESE	UTU01191	891008900A	430473198200S1
NBU 150	9-10-22 SENW	UTU01196B	891008900A	430473199200S1
NBU 151	9-10-22 NWNW	UTU01196B	891008900A	430473199100S1
NBU 152	9-10-22 SESE	UTU01196D	891008900A	430473199000S1
NBU 153	11-10-22 SWNW	U01197A	891008900A	430473197500S1
NBU 154	26-9-21 NWSE	ML22934	891008900A	430473200300S1 ✓
NBU 155	31-9-22 SENW	ML23607	891008900A	430473200400S1 ✓
NBU 156	35-9-21 SWNW	U01194	891008900A	430473200500S1 ✓
NBU 157	32-9-22 SESW	ML22649	891008900A	430473200700S1 ✓
NBU 158	27-9-21 NWSE	U01194A	891008900A	430473199700S1 ✓
NBU 159SWD	35-9-21 NESW	U01194	891008900A	430473199600S1 ✓
NBU 161	32-9-22 SESE	ML22649	891008900A	430473202300S1 ✓
NBU 162	12-10-20 SENW	UTU4478	891008900A	430473206600S1
NBU 163	14-10-21 NENW	UTU465	891008900A	430473206900S1
NBU 164	3-10-22 NWSE	UTU01191A	891008900A	430473205500S1
NBU 165	3-10-22 NENW	UTU01191	891008900A	430473205700S1
NBU 166	28-9-21 SWSE	U05676	891008900A	430473206500S1
NBU 167	25-9-21 SESW	U01194	891008900A	430473205400S1 ✓
NBU 168	12-10-20 NWSW	UTU4478	891008900A	430473211700S1 ✓
NBU 169	12-10-20 SESW	UTU4478	891008900A	430473211800S1
NBU 170	4-10-22 NWNW	UTU01191A	891008900A	430473216900S1
NBU 171	5-10-22 SENE	UTU01191A	891008900A	430473211500S1
NBU 172	18-9-22 NENE	UTU0284	891008900A	430473219400S1
NBU 173	33-9-22 NWNE	UTU01191A	891008900A	430473211600S1
NBU 174	11-9-21 NWNW	UTU0141315	891008900A	430473219300S1
NBU 175	28-9-21 NENW	U05676	891008900A	430473214300S1
NBU 176	28-9-21 SWNW	U05676	891008900A	430473214400S1
NBU 177	29-9-21 NESE	UTU0581	891008900A	430473211200S1
NBU 178	30-9-21 NWNE	UTU0581	891008900A	430473212100S1
NBU 180	10-10-22 SWSE	UTU025187	891008900A	430473211300S1
NBU 181	9-9-21 SESW	UTU0576	891008900A	430473216100S1
NBU 182	11-9-21 SENW	UTU0141315	891008900A	430473216200S1
NBU 183	27-9-21 SWNW	U01194A	891008900A	430473212200S1 ✓
NBU 184	30-9-22 SESW	U463	891008900A	430473217000S1
NBU 185	3-10-22 SWNE	UTU01191A	891008900A	430473217100S1
NBU 186	30-9-22 SENE	U463	891008900A	430473223300S1
NBU 187	34-9-22 SESW	UTU0149077	891008900A	430473223000S1
NBU 188	10-10-22 SWSW	U01196C	891008900A	430473223400S1
NBU 189	23-9-21 SESW	UTU0149075	891008900A	430473223600S1
NBU 190	26-9-21 NWNE	U01194	891008900A	430473223200S1
NBU 191	15-9-21 SWSW	UTU010950A	891008900A	430473229800S1
NBU 192	22-9-21 NENW	UTU0147566	891008900A	430473229900S1
NBU 193	22-9-21 SWSW	UTU010950A	891008900A	430473230000S1
NBU 194	22-9-21 NESW	UTU010950A	891008900A	430473229600S1
NBU 195	11-9-21 NWNE	UTU0141317	891008900A	430473235500S1
NBU 198	22-9-21 NWSE	UTU010950A	891008900A	430473235700S1
NBU 199	9-9-21 SWSW	UTU0576A	891008900A	430473233700S1
NBU 200	19-9-22 NESE	UTU0284	891008900A	430473235900S1
NBU 201	9-9-21 SWNW	UTU0149767	891008900A	430473236400S1
NBU 202	8-9-21 NENE	UTU0149767	891008900A	430473233800S1
NBU 204	9-10-22 NWNE	UTU01196D	891008900A	430473234200S1
NBU 206	10-10-22 SWNW	U01196C	891008900A	430473234100S1
NBU 207	10-10-22 NENW	UTU69129	891008900A	430473232900S1 ✓
NBU 208	4-10-22 SESE	UTU01191	891008900A	430473234300S1
NBU 209	3-10-22 SWSW	UTU01191	891008900A	430473234500S1
NBU 210	10-10-22 NESW	U01196C	891008900A	430473234000S1
NBU 211	1-10-21 NWSW	U02842B	891008900A	430473233900S1
NBU 212	24-10-20 NENW	UTU4485	891008900A	430473239900S1
NBU 213	15-10-22 NWNW	UTU025187	891008900A	430473240100S1
NBU 214	27-9-21 NWSW	U01194	891008900A	430473246600S1 ✓
NBU 215	12-10-21 NWNW	UTU01190	891008900A	430473247100S1
NBU 216	15-9-21 NESW	UTU010950A	891008900A	430473248700S1

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/6/2006

FROM: (Old Operator):

N2115-Westport Oil & Gas Co., LP
 1368 South 1200 East
 Vernal, UT 84078
 Phone: 1-(435) 781-7024

TO: (New Operator):

N2995-Kerr-McGee Oil & Gas Onshore, LP
 1368 South 1200 East
 Vernal, UT 84078
 Phone: 1-(435) 781-7024

CA No.		Unit:		NATURAL BUTTES UNIT				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on: _____
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 6. Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- 7. Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- 8. Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 9. Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: _____
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other **CHANGE OF OPERATOR**

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005237

APPROVED 5/16/06

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Title

DRILLING MANAGER

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
MAY 10 2006

DIV OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Office

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Colorado State Office
2850 Youngfield Street
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)
3106
COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :
1999 Broadway, Suite 3700 : Oil & Gas
Denver, CO 80202 :

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell
Martha L. Maxwell
Land Law Examiner
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-922)

March 27, 2006

Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of
Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare
Dave Mascarenas
Susan Bauman

RECEIVED

MAR 28 2006

DIV. OF OIL, GAS & MINERALS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.
UTU-0284

6. If Indian, Allottee or Tribe Name
TRIBAL SURFACE

7. If Unit or CA/Agreement, Name and/or No.
**UNIT #891008900A
NATURAL BUTTES UNIT**

8. Well Name and No.
NBU 172

9. API Well No.
4304732194

10. Field and Pool, or Exploratory Area
NATURAL BUTTES

11. County or Parish, State
UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
KERR-McGEE OIL & GAS ONSHORE LP

3a. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)
(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NE/NE SEC. 19, T9S, R22E 357'FNL, 861'FEL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input checked="" type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION TO DEEPEN THE SUBJECT WELL LOCATION.
IN ORDER TO COMPLETE THE WASATCH AND MESAVERDE FORMATION.
THE OPERATOR PLANS TO DRILL ON THE LOCATION NO LARGER THAN THE ORIGINALLY APPROVED
SURFACE DISTURBANCE. THE OPERATOR WILL UTILIZE THE EXISTING RIGHTS-OF-WAYS FOR
WELL SITE, PIPELINES AND ACCESS ROADS.

PLEASE REFER TO THE ATTACHED 10 PT, DRILLING PROGRAM AND MAPS OF THE WELL
LOCATION.

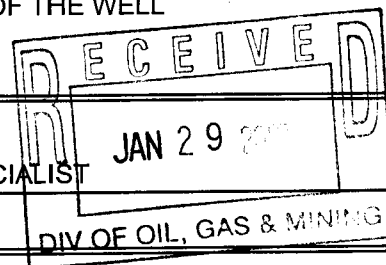
14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)
SHEILA UPCHEGO

Title
SENIOR LAND ADMIN SPECIALIST

Signature
[Signature]

Date
January 24, 2007



THIS SPACE FOR FEDERAL OR STATE USE

Approved by
[Signature]

Title
BRADLEY G. HILL

Office
ENVIRONMENTAL MANAGER

Date
01-31-07

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**Federal Approval of this
Action is Necessary**

T9S, R22E, S.L.B.&M.

Utah County
Cap 5/8" Rebar
Marked
Set Stone
Steel Post 3' NW

N89°49'52"E - 4869.68' (Meas.)

Set Stone
Pile of Stones
2' West

NBU #172

Elev. Ungraded Ground - 4859'

357'

861'

2634.83' - (Measured)
N0°03'W G.L.O. (Basis of Bearings)

Marked
Set Stone
Pile of Stones
4' West

19

NORTH - (G.L.O.)

Lot 1

Lot 2

Lot 3

Lot 4

N0°03'W - (G.L.O.)

N89°59'E - 73.88 (G.L.O.)

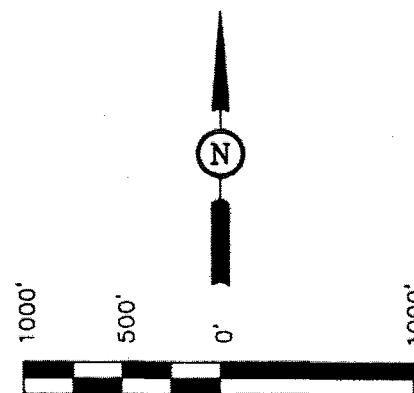
▲ = SECTION CORNERS LOCATED.

Kerr-McGee Oil & Gas Onshore LP

Well location, NBU #172, located as shown in the NE 1/4 NE 1/4 of Section 19, T9S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

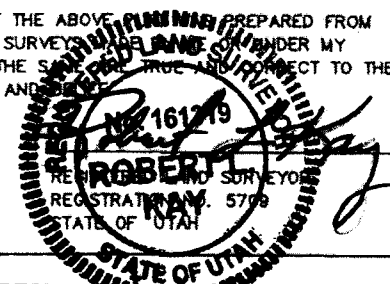
BENCH MARK 23 EAM 1964 LOCATED NEAR A ROAD IN THE NW 1/4 OF SECTION 19, T9S, R22E, S.L.B.&M. TAKEN FROM THE REDWASH SW QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4904 FEET.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLANNING MAP WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE AND UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



REVISED: 01-24-07 C.H.

UINTAH ENGINEERING & SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE 10-25-91
PARTY J.F. C.Y. MDA	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE Kerr-McGee Oil & Gas Onshore LP.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/29/2007

API NO. ASSIGNED: 43-047-32194

WELL NAME: NBU 172

OPERATOR: KERR-MCGEE OIL & GAS (N2995)

CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

NENE 19 090S 220E

SURFACE: 0357 FNL 0861 FEL

BOTTOM: 0357 FNL 0861 FEL

COUNTY: UINTAH

LATITUDE: 40.02776 LONGITUDE: -109.4755

UTM SURF EASTINGS: 630083 NORTHINGS: 4431741

FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-0284

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: WSMVD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]

(No. WYB000291)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit

(No. 43-8496)

☒ RDCC Review (Y/N)

(Date: _____)

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

R649-2-3.

Unit: NATURAL BUTTES

R649-3-2. General

Siting: 460' From Qtr/Qtr & 920' Between Wells

R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 173-14

Eff Date: 12-2-1999

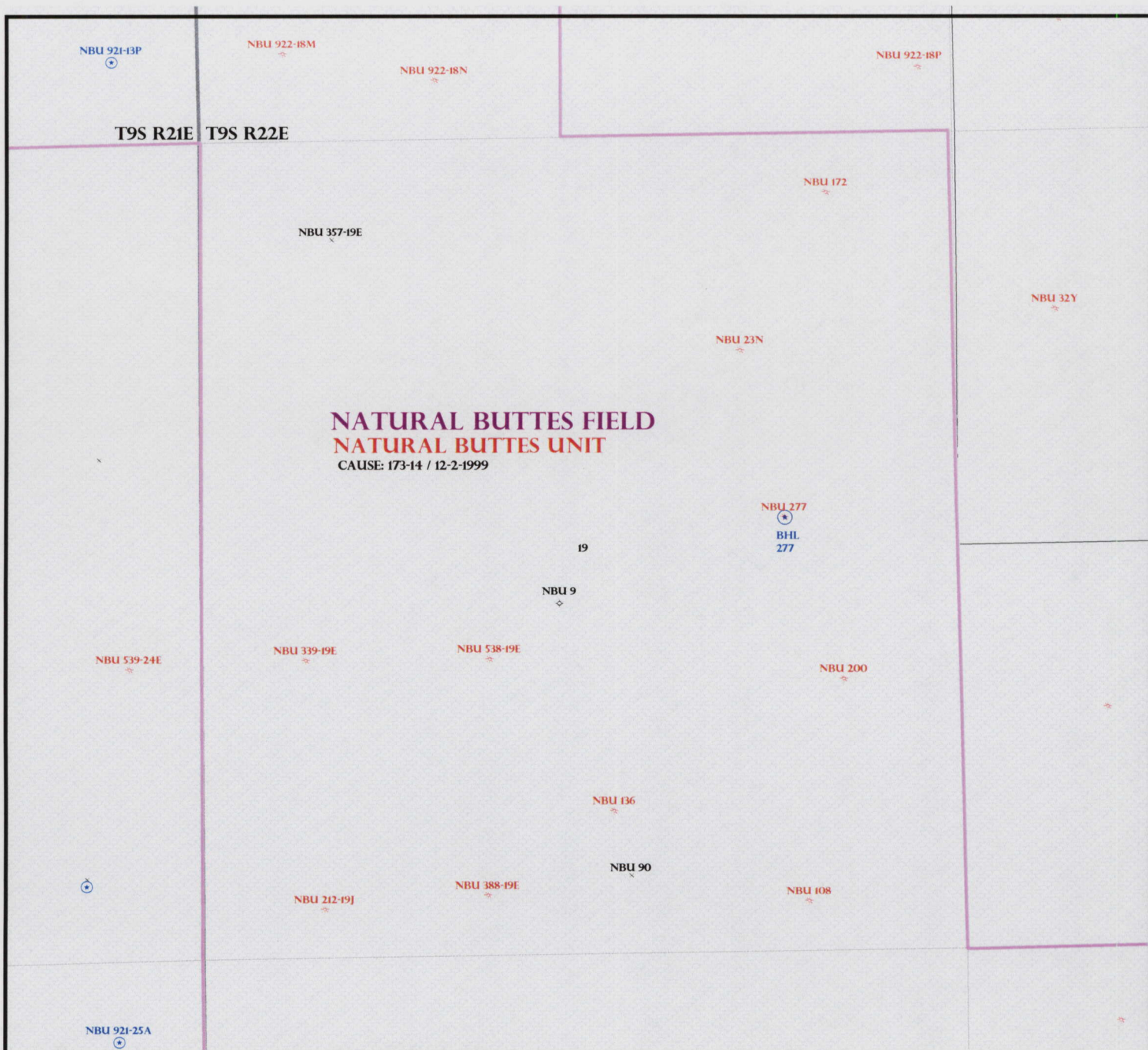
Siting: 460' for 1500' & uniform Trend

R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: _____

1- Surface Agreement
2- OIL SHALE



OPERATOR: KERR-MCGEE O&G (N2995)

SEC: 19 T.9S R. 22E

FIELD: NATURAL BUTTES (630)

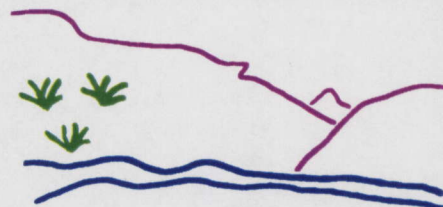
COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999

Field Status
 [Black Box] ABANDONED
 [Pink Box] ACTIVE
 [Purple Box] COMBINED
 [Red Box] INACTIVE
 [Blue Box] PROPOSED
 [Orange Box] STORAGE
 [White Box] TERMINATED

Unit Status
 [White Box] EXPLORATORY
 [Light Blue Box] GAS STORAGE
 [Yellow Box] NF PP OIL
 [Light Green Box] NF SECONDARY
 [Light Blue Box] PENDING
 [Green Box] PI OIL
 [Red Box] PP GAS
 [Orange Box] PP GEOTHERML
 [Green Box] PP OIL
 [Blue Box] SECONDARY
 [White Box] TERMINATED

Wells Status
 [Red Star] GAS INJECTION
 [Red Star] GAS STORAGE
 [X] LOCATION ABANDONED
 [Blue Circle] NEW LOCATION
 [Diamond] PLUGGED & ABANDONED
 [Red Star] PRODUCING GAS
 [Green Circle] PRODUCING OIL
 [Red Star] SHUT-IN GAS
 [Green Circle] SHUT-IN OIL
 [X] TEMP. ABANDONED
 [Red Circle] TEST WELL
 [Blue Triangle] WATER INJECTION
 [Blue Circle] WATER SUPPLY
 [Blue Circle] WATER DISPOSAL
 [Red Circle] DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON
 DATE: 31-JANUARY-2007

NBU 172
NWNENE SECTION 19, T9S, R22E
UINTAH COUNTY, UTAH
U-0284

ONSHORE ORDER NO. 1

DRILLING PROGRAM (DEEPENING)

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Green River	1670'
Wasatch	4889'
Mesaverde	7520'
MVU21	8520'
MVL1	9020
TD	9520'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Gas	Mesaverde	7520'
Gas	MVU21	8520'
Gas	MVL1	9020'
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment** (Schematic Attached)

Please refer to the attached Drilling Program.

4. **Proposed Casing & Cementing Program:**

Please refer to the attached Drilling Program.

5. **Drilling Fluids Program:**

Please refer to the attached Drilling Program.

6. **Evaluation Program:**

Please refer to the attached Drilling Program.

7. **Abnormal Conditions:**

Maximum anticipated Bottomhole Pressure calculated at 9520' TD, approximately equals 5693 psi
(Mud Weight X .052 psi/ft X Total Depth)

Maximum anticipated surface pressure equals approximately 3599 psi

(Bottomhole Pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

Please refer to the attached Drilling Program.

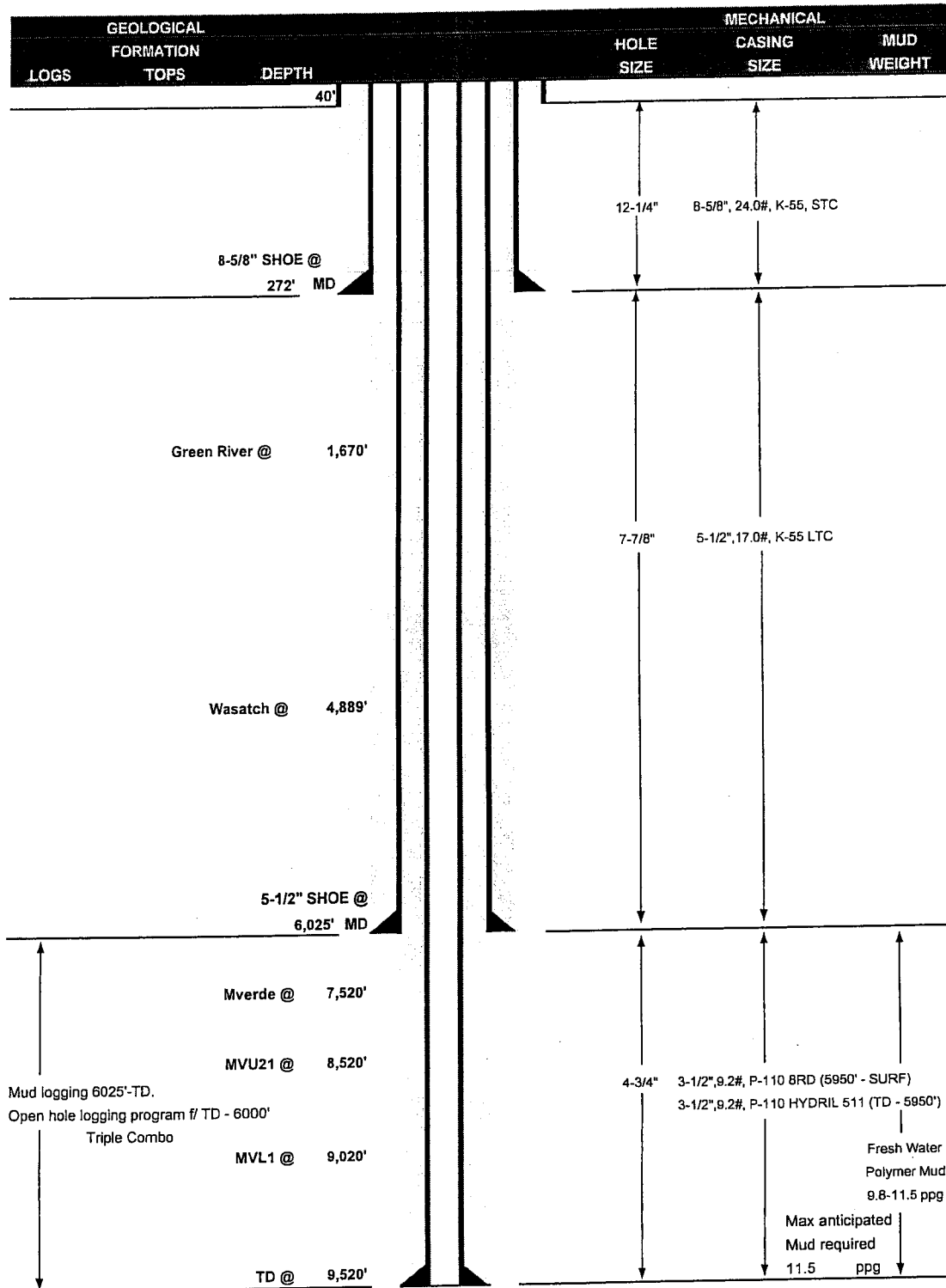
10. **Other Information:**

Please refer to the attached Drilling Program.



KERR-McGEE OIL & GAS ONSHORE LP **DRILLING PROGRAM (DEEPENING)**

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE January 24, 2007
WELL NAME NBU 172 TD 9,520' MD/TVD
FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 4,859' GL KB 4,870'
SURFACE LOCATION NW NE NE, SECTION 19, T9S, R22E 357'FNL, 861'FEL BHL Straight Hole
Latitude: Longitude: API 43047321940000
OBJECTIVE ZONE(S) Mesaverde
ADDITIONAL INFO Regulatory Agencies: UDOGM, (SURF & MINERALS), BLM, Tri-County Health Dept.





KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR								
SURFACE						13330	13050	208800
PRODUCTION	3-1/2"	0 to 5950	9.20	P-110	8rd-LTC	2.34	3.63	2.89
	3-1/2"	5950 to TD	9.20	P-110	HYD 511	2.34	3.63	2.89

1) Max Anticipated Surf. Press.(MASP) = (.052 x MW x TD)-(0.22 psi/ft-partial evac gradient x TD)
 (Burst Assumptions: TD = 11.5 ppg) .22 psi/ft = gradient for partially evac wellbore
 (Collapse Assumption: Partially Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
 MASP 3599 psi

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
PRODUCTION	LEAD	5020	Halliburton HI-Fill	75	0%	11.00	3.84
	TAIL	4500	50/50 Poz Premium 0.3% Super CBL (Expander) 0.3% Halad @ -344 (Low Fluid Loss Control) 0.3% HR-5 (Retarder) 0.2% CFR-3 (Cement Material) 3% (Total) Bentonite (Light Wt. Additive)	220	10%	13.50	1.45

*Caliper plus 10% excess for TAIL

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.
 Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER:

Keith Brents

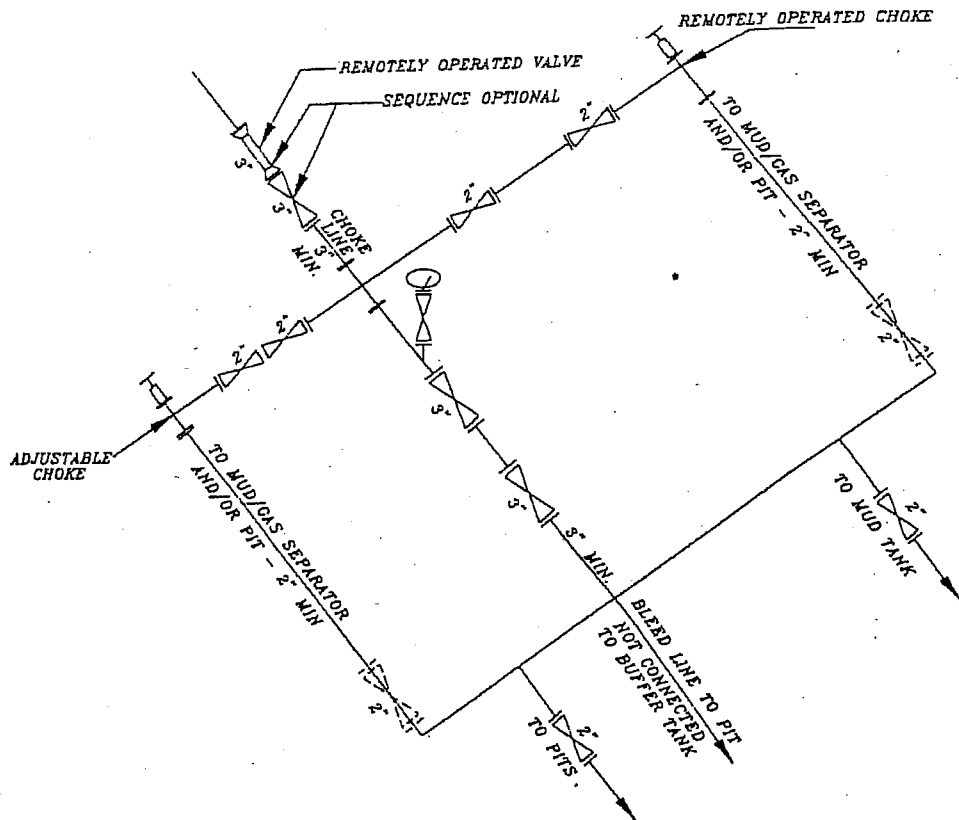
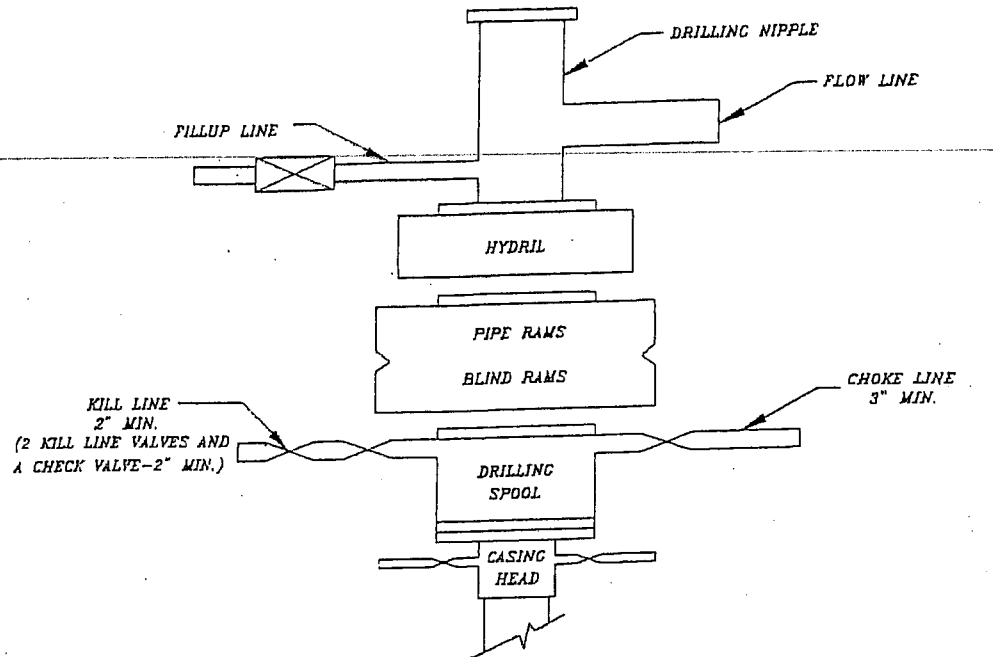
DATE:

DRILLING SUPERINTENDENT:

Russ Branting
NBU 172 Deepening schematic APD.xls

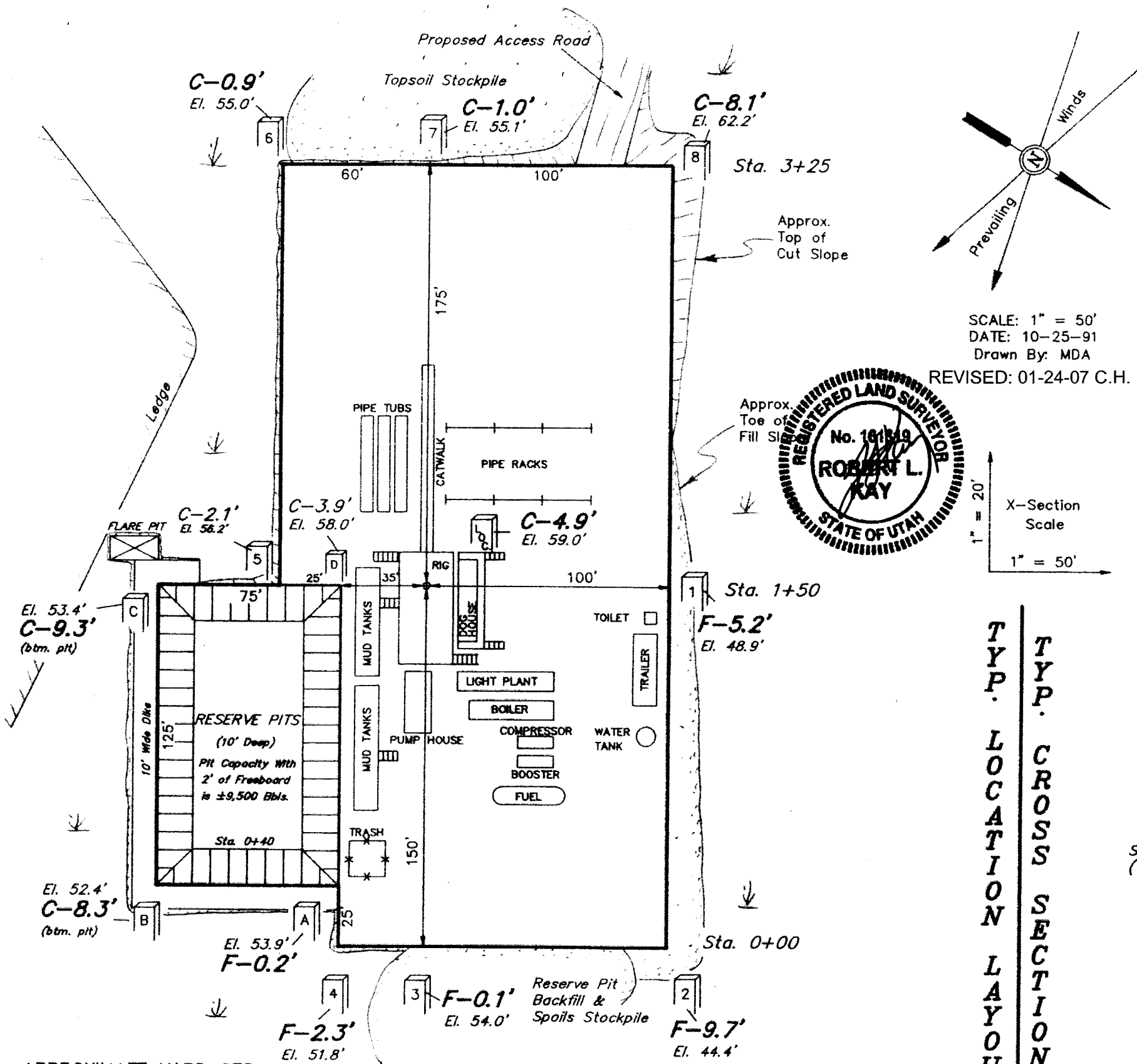
DATE:

5M BOP STACK and CHOKE MANIFOLD SYSTEM



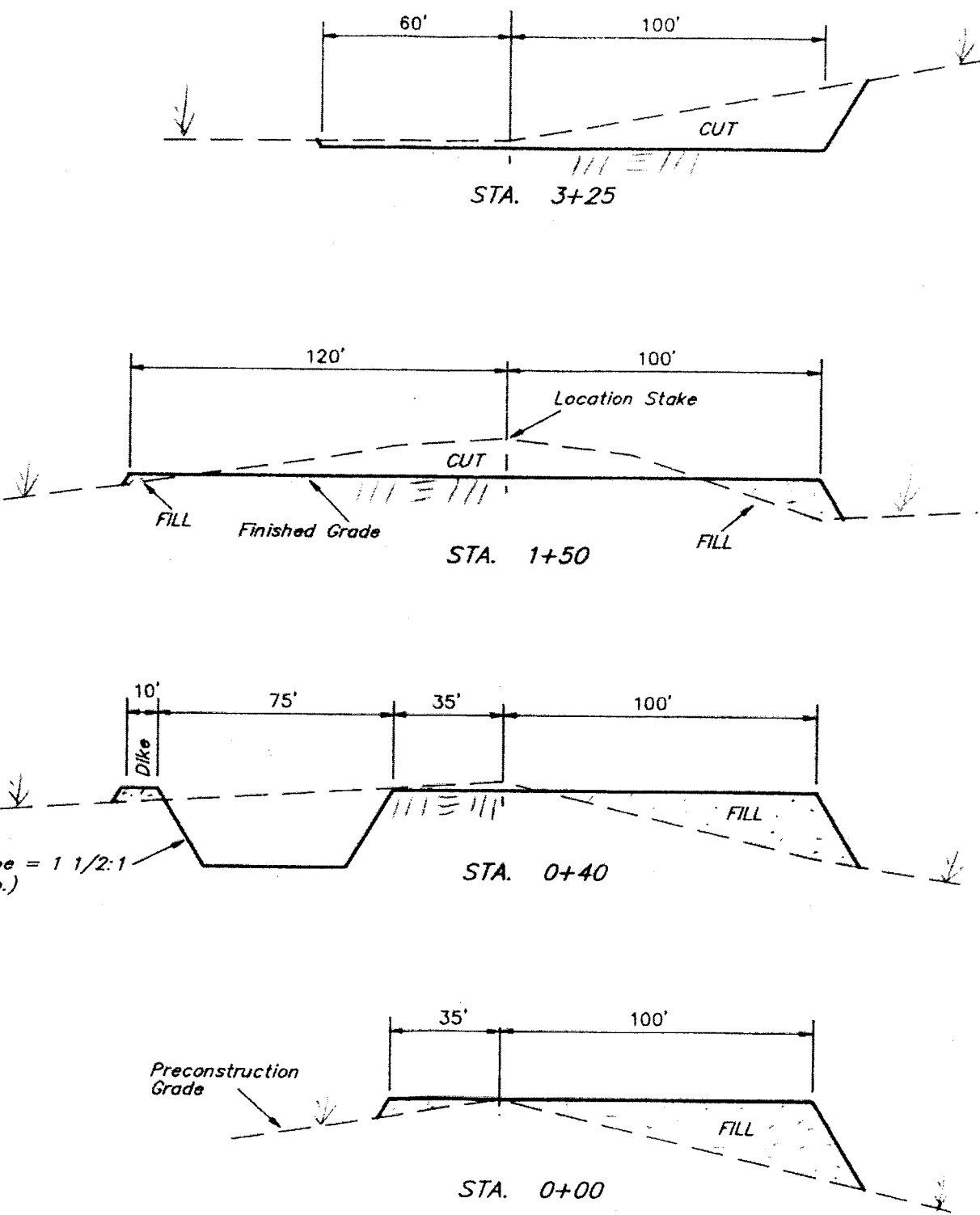
Kerr-McGee Oil & Gas Onshore LP

LOCATION LAYOUT FOR
NBU #172
SECTION 19, T9S, R22E, S.L.B.&M.



TYP. LOCATION LAYOUT

TYP. CROSS SECTIONS



APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 2,140 Cu. Yds.
Remaining Location	= 4,530 Cu. Yds.
TOTAL CUT	= 6,670 CU.YDS.
FILL	= 3,140 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 3,370 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,360 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 10 Cu. Yds.

NOTES:

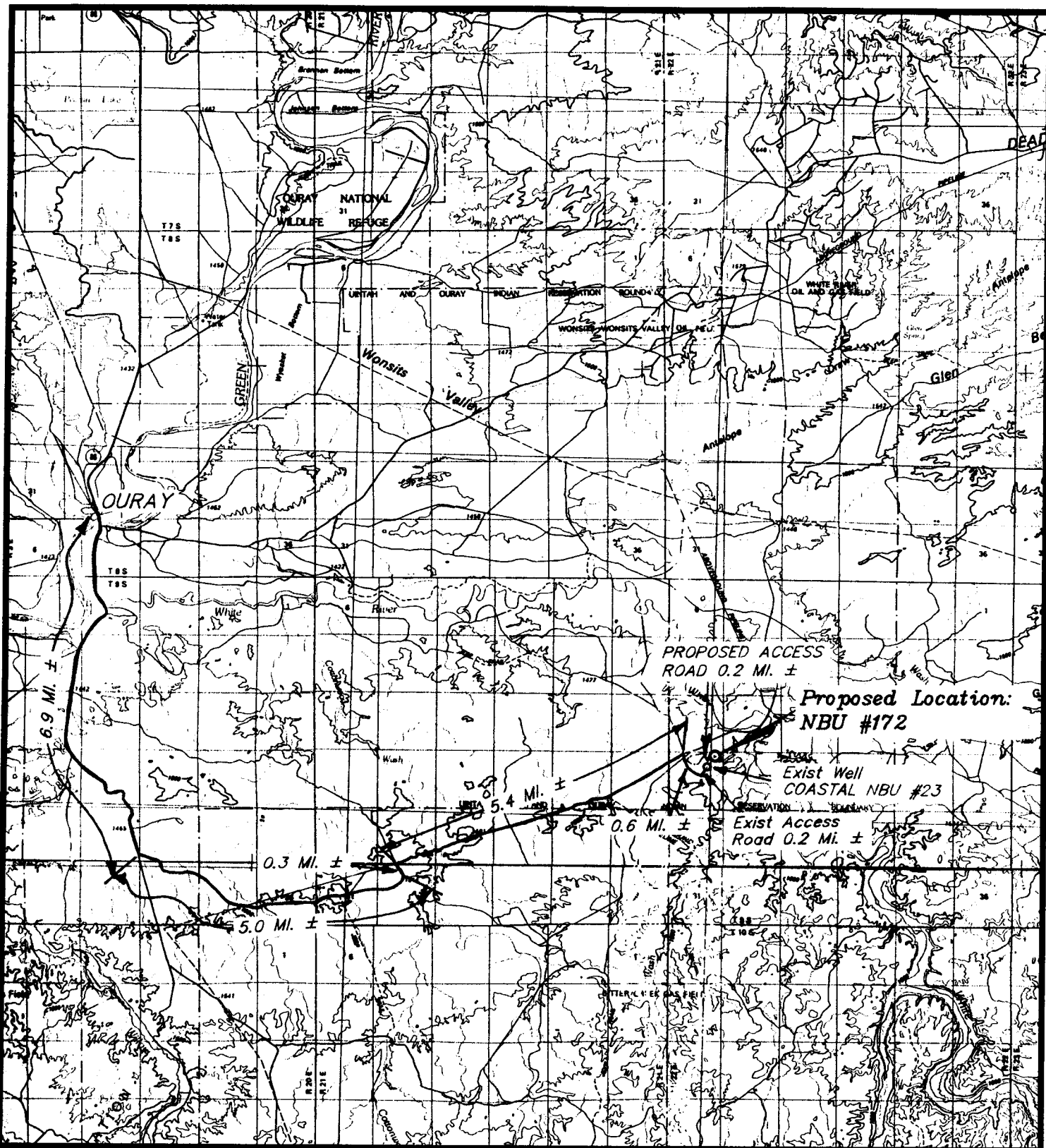
Elev. Ungraded Ground At Loc. Stake = 4859.0'

FINISHED GRADE ELEV. AT LOC. STAKE = 4854.1'

FIGURE #1

UINTAH ENGINEERING & LAND SURVEYING

85 South 200 East, Vernal, Utah



Kerr-McGee Oil & Gas Onshore LP

NBU #172

SECTION 19, T9S, R22E, S.L.B.&M.

357' FNL 861' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

10 28 91
 MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: M.D.A. REV: 01-24-07 C.H.





Kerr-McGee Oil & Gas Onshore LP

NBU #172

SECTION 19, T9S, R22E, S.L.B.&M.

357' FNL 861' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



**TOPOGRAPHIC
MAP**

10 28 91
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: M.D.A. REV: 01-24-07 C.H.





LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



Kerr-McGee Oil & Gas Onshore LP

NBU #172
SECTION 19, T9S, R22E, S.L.B.&M.
357' FNL 861' FEL



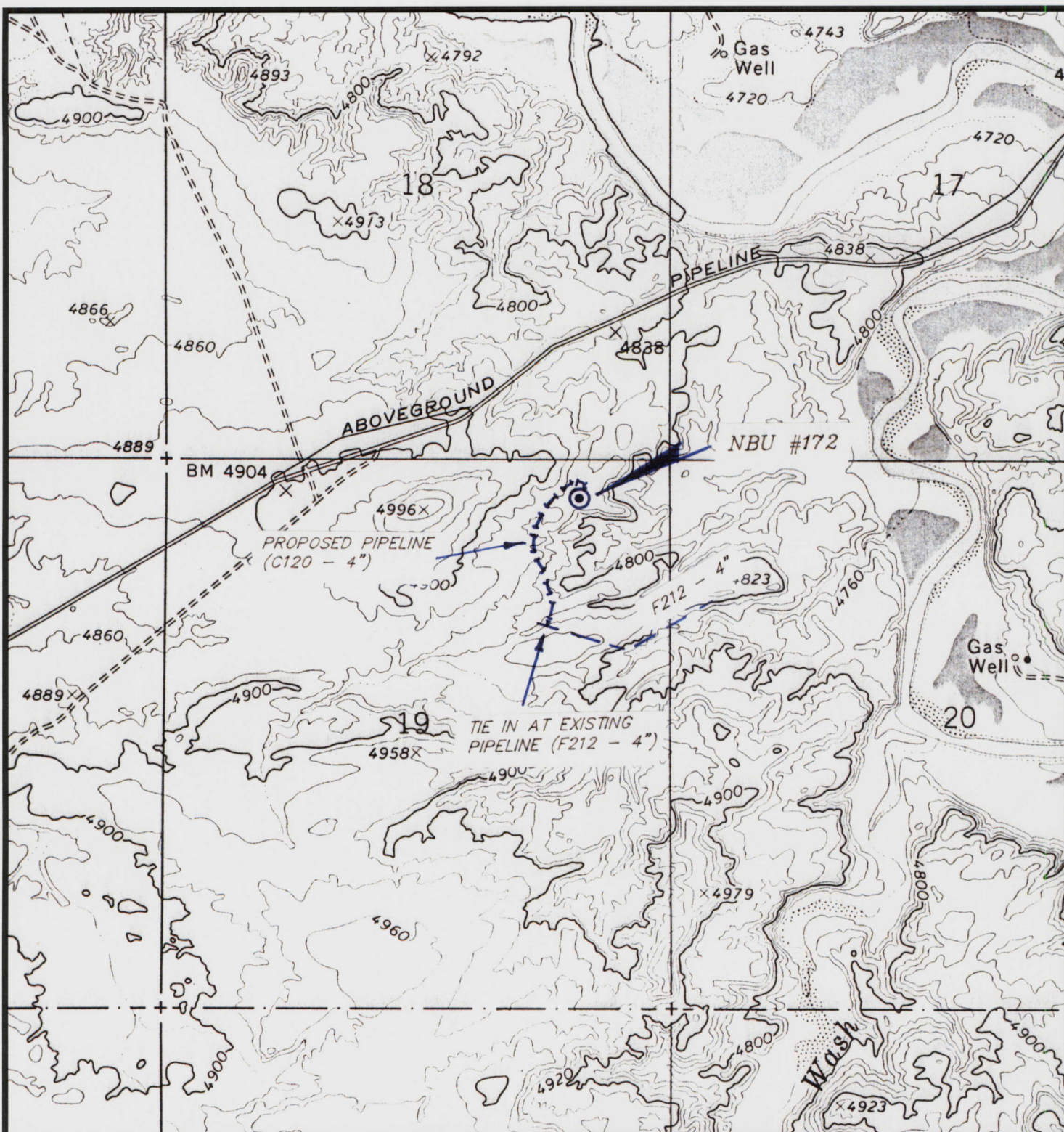
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

10 28 91
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: M.D.A. REV: 01-24-07 C.H.





APPROXIMATE TOTAL PIPELINE DISTANCE = 1511' +/-

Kerr-McGee Oil & Gas Onshore LP

NBU #172

SECTION 19, T9S, R22E, S.L.B.&M.

357' FNL 861' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



**TOPOGRAPHIC
MAP**

10 28 91
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: M.D.A. REV: 01-24-07 C.H.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

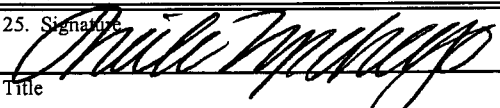
FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

1a. Type of Work: <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> REENTER			5. Lease Serial No. UTU-0284
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone			6. If Indian, Allottee or Tribe Name TRIBAL SURFACE
2. Name of Operator KERR MCGEE OIL & GAS ONSHORE LP			7. If Unit or CA Agreement, Name and No. UNIT #891008900A
3A. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	3b. Phone No. (include area code) (435) 781-7024		8. Lease Name and Well No. NBU 172
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/NE 357'FNL, 861'FEL At proposed prod. Zone			9. API Well No. 4304732194
14. Distance in miles and direction from nearest town or post office* 12 MILES SOUTHEAST OF OURAY, UTAH			10. Field and Pool, or Exploratory NATURAL BUTTES
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 357'	16. No. of Acres in lease 870.72	17. Spacing Unit dedicated to this well 80.00	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	19. Proposed Depth 9520'	20. BLM/BIA Bond No. on file BOND NO: WYB000291	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4859'GR	22. Approximate date work will start*	23. Estimated duration	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office. | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature 	Name (Printed/Typed) SHEILA UPCHEGO	Date 1/24/2007
Title SENIOR LAND ADMIN SPECIALIST		
Approved by (Signature)	Name (Printed/Typed)	Date
Title Office		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED
JAN 29 2007
DIV. OF OIL, GAS & MINING

NBU 172
NWNENE SECTION 19, T9S, R22E
UINTAH COUNTY, UTAH
U-0284

ONSHORE ORDER NO. 1

DRILLING PROGRAM (DEEPENING)

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Green River	1670'
Wasatch	4889'
Mesaverde	7520'
MVU21	8520'
MVL1	9020
TD	9520'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Gas	Mesaverde	7520'
Gas	MVU21	8520'
Gas	MVL1	9020'
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment** (Schematic Attached)

Please refer to the attached Drilling Program.

4. **Proposed Casing & Cementing Program:**

Please refer to the attached Drilling Program.

5. **Drilling Fluids Program:**

Please refer to the attached Drilling Program.

6. **Evaluation Program:**

Please refer to the attached Drilling Program.

7. **Abnormal Conditions:**

Maximum anticipated Bottomhole Pressure calculated at 9520' TD, approximately equals 5693 psi
(Mud Weight X .052 psi/ft X Total Depth)

Maximum anticipated surface pressure equals approximately 3599 psi

(Bottomhole Pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

Please refer to the attached Drilling Program.

10. **Other Information:**

Please refer to the attached Drilling Program.



DRILLING PROGRAM (DEEPENING)

OBJECTIVE ZONE(S)

ADDITIONAL INFO

Mud logging 6025'-TD.

Open hole logging program f/ TD - 6000'

Triple Combo



KERR-McGEE OIL & GAS ONSHORE LP **DRILLING PROGRAM**

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR								
SURFACE						13330	13050	208800
PRODUCTION	3-1/2"	0 to 5950	9.20	P-110	8rd-LTC	2.34	3.63	2.89
	3-1/2"	5950 to TD	9.20	P-110	HYD 511	2.34	3.63	2.89

1) Max Anticipated Surf. Press.(MASP) = (.052 x MW x TD)-(0.22 psi/ft-partial evac gradient x TD)
 (Burst Assumptions: TD = 11.5 ppg) .22 psi/ft = gradient for partially evac wellbore
 (Collapse Assumption: Partially Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoys.Fact. of water)
 MASP 3599 psi

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
PRODUCTION	LEAD	5020	Halliburton HI-Fill	75	0%	11.00	3.84
	TAIL	4500	50/50 Poz Premium 0.3% Super CBL (Expander) 0.3% Halad ® -344 (Low Fluid Loss Control) 0.3% HR-5 (Retarder) 0.2% CFR-3 (Cement Material) 3% (Total) Bentonite (Light Wt. Additive)	220	10%	13.50	1.45

*Caliper plus 10% excess for TAIL

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.
 Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER: _____
 Keith Brents

DATE: _____

DRILLING SUPERINTENDENT: _____
 Russ Branting

DATE: _____

T9S, R22E, S.L.B.&M.

Utah County
Cap 5/8" Rebar
Marked
Set Stone
Steel Post 3' NWly

N89°49'52"E - 4869.68' (Meas.)

Set Stone
Pile of Stones
2' West

NBU #172

Elev. Ungraded Ground - 4859'

Lot 1

Lot 2

Lot 3

Lot 4

19

2634.83' - (Measured)
N0°03'W G.L.O. (Basis of Bearings)

Marked
Set Stone
Pile of Stones
4' West

N0°03'W - (G.L.O.)

N89°59'E - 73.88 (G.L.O.)

NORTH - (G.L.O.)

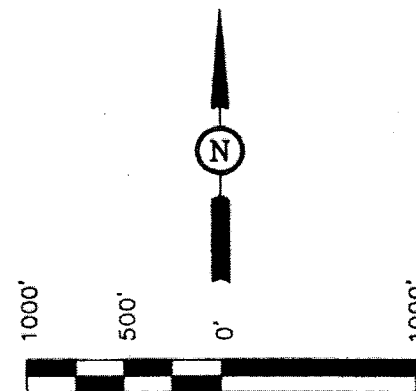
▲ = SECTION CORNERS LOCATED.

Kerr-McGee Oil & Gas Onshore LP

Well location, NBU #172, located as shown in the NE 1/4 NE 1/4 of Section 19, T9S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

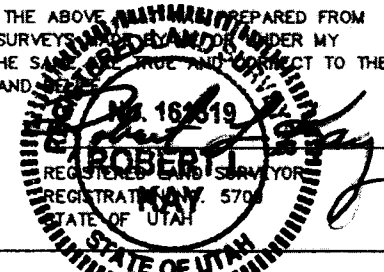
BENCH MARK 23 EAM 1964 LOCATED NEAR A ROAD IN THE NW 1/4 OF SECTION 19, T9S, R22E, S.L.B.&M. TAKEN FROM THE REDWASH SW QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4904 FEET.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

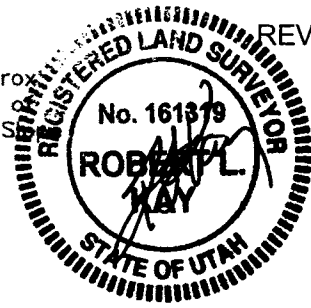
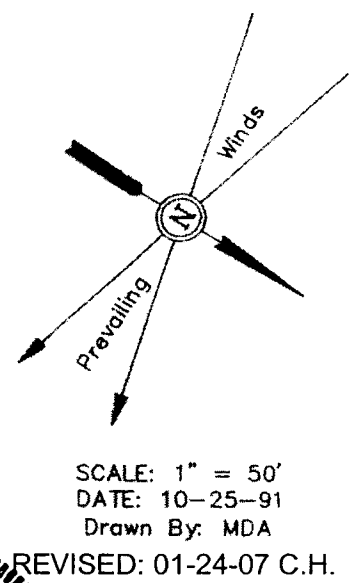
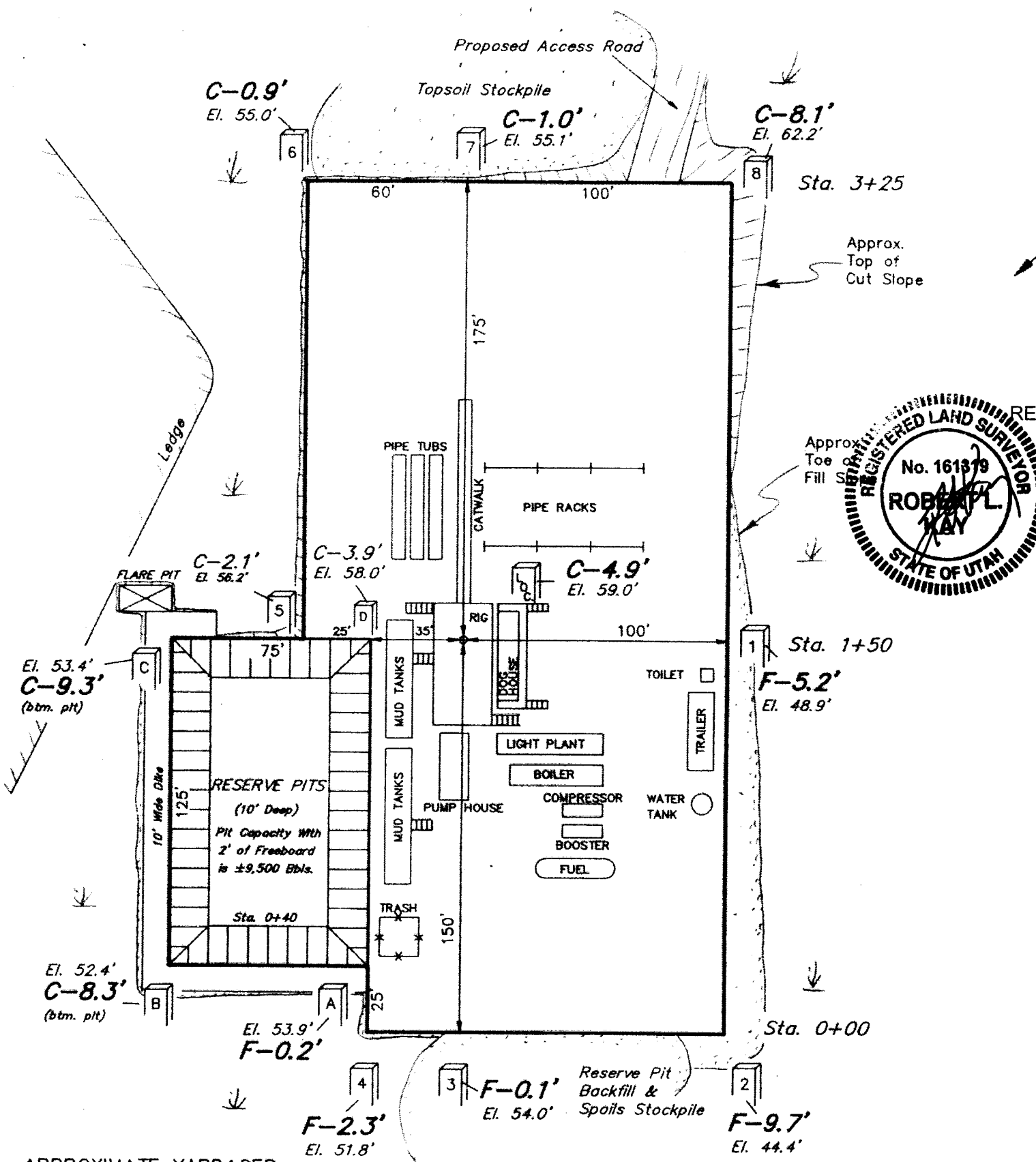


REVISED: 01-24-07 C.H.

UINTAH ENGINEERING & SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

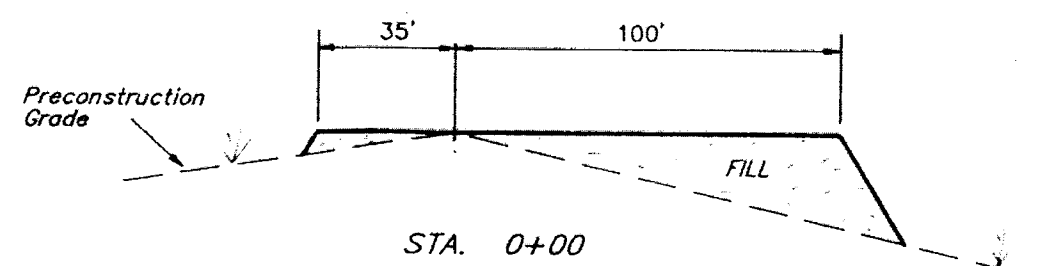
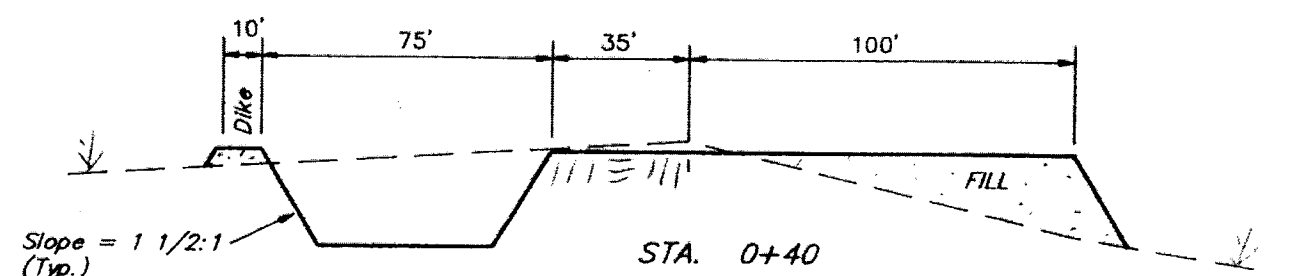
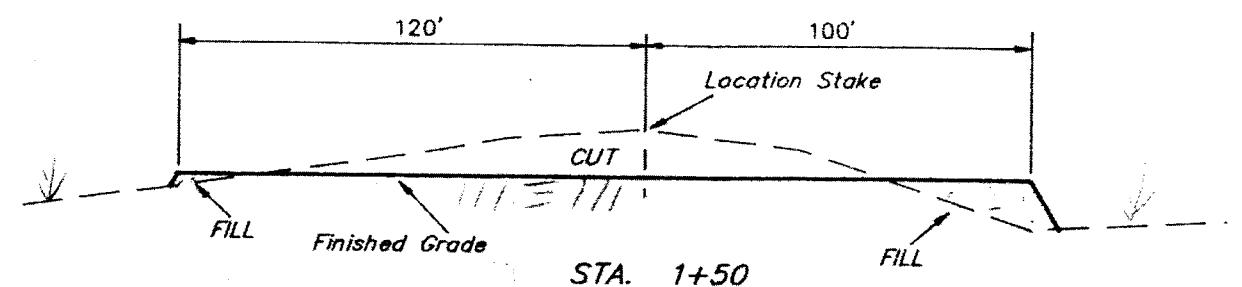
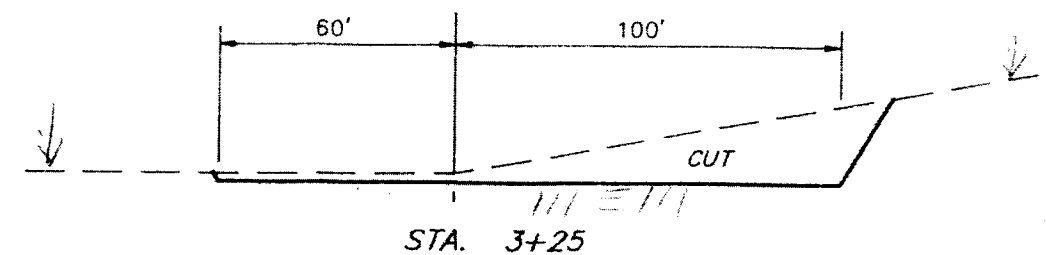
SCALE 1" = 1000'	DATE 10-25-91
PARTY J.F. C.Y. MDA	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE Kerr-McGee Oil & Gas Onshore LP

Kerr-McGee Oil & Gas Onshore LP
 LOCATION LAYOUT FOR
 NBU #172
 SECTION 19, T9S, R22E, S.L.B.&M.



X-Section Scale
 1" = 20'
 1" = 50'

TYP. LOCATION LAYOUT
 TYP. CROSS SECTIONS



APPROXIMATE YARDAGES

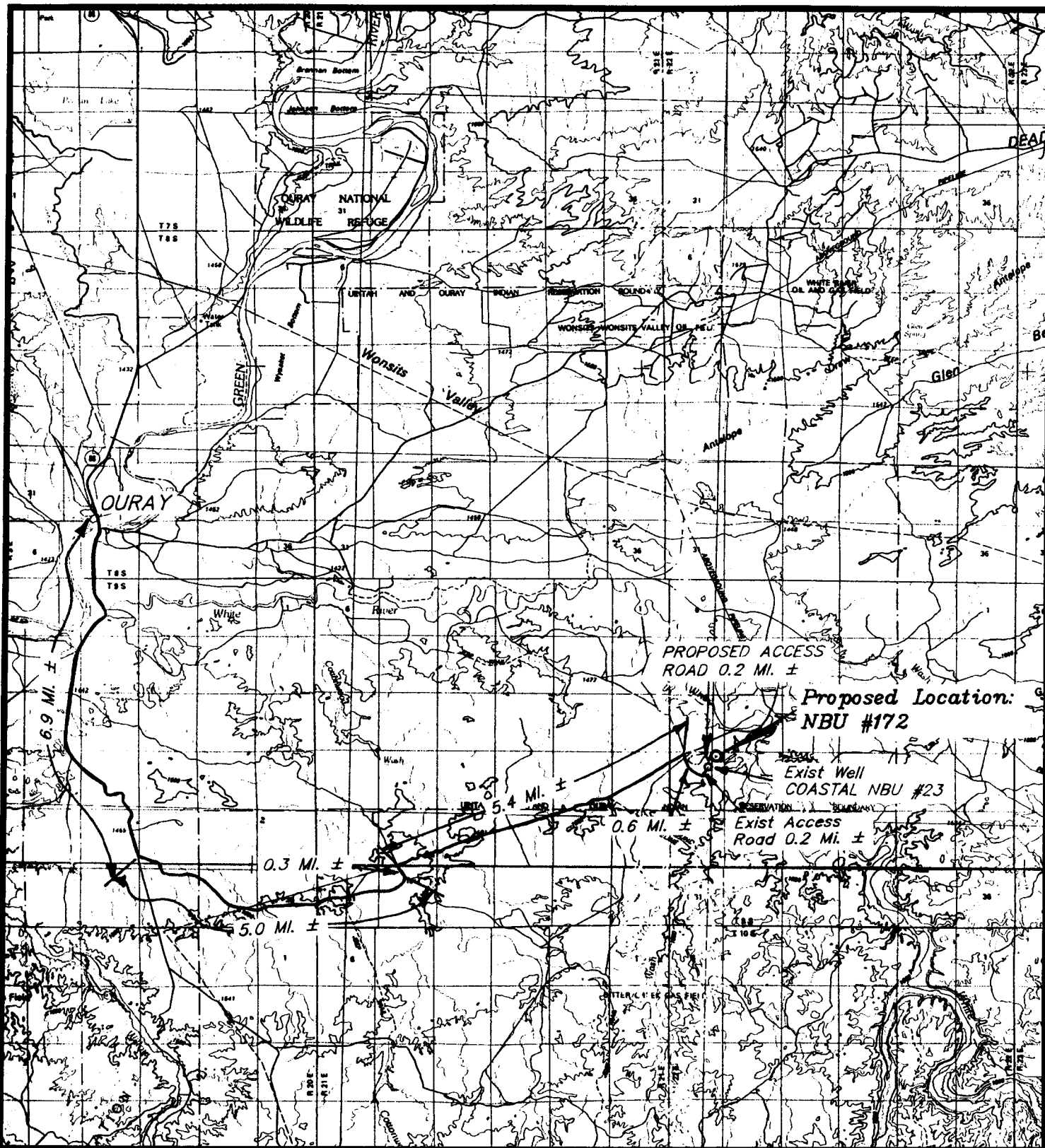
CUT	
(12") Topsoil Stripping	= 2,140 Cu. Yds.
Remaining Location	= 4,530 Cu. Yds.
TOTAL CUT	= 6,670 CU.YDS.
FILL	= 3,140 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 3,370 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,360 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 10 Cu. Yds.

NOTES:

Elev. Ungraded Ground At Loc. Stake = **4859.0'**
 FINISHED GRADE ELEV. AT LOC. STAKE = **4854.1'**

FIGURE #1



Kerr-McGee Oil & Gas Onshore LP

NBU #172

SECTION 19, T9S, R22E, S.L.B.&M.

357' FNL 861' FEL



TOPOGRAPHIC
MAP

10 28 91
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: M.D.A. REV: 01-24-07 C.H.

A
TOPO



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



Kerr-McGee Oil & Gas Onshore LP

NBU #172

SECTION 19, T9S, R22E, S.L.B.&M.

357' FNL 861' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC
MAP

10 28 91
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: M.D.A. REV: 01-24-07 C.H.





LEGEND:

- | | |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS | ⊗ WATER WELLS |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS | ● TEMPORARILY ABANDONED |



Kerr-McGee Oil & Gas Onshore LP

NBU #172
SECTION 19, T9S, R22E, S.L.B.&M.
357' FNL 861' FEL



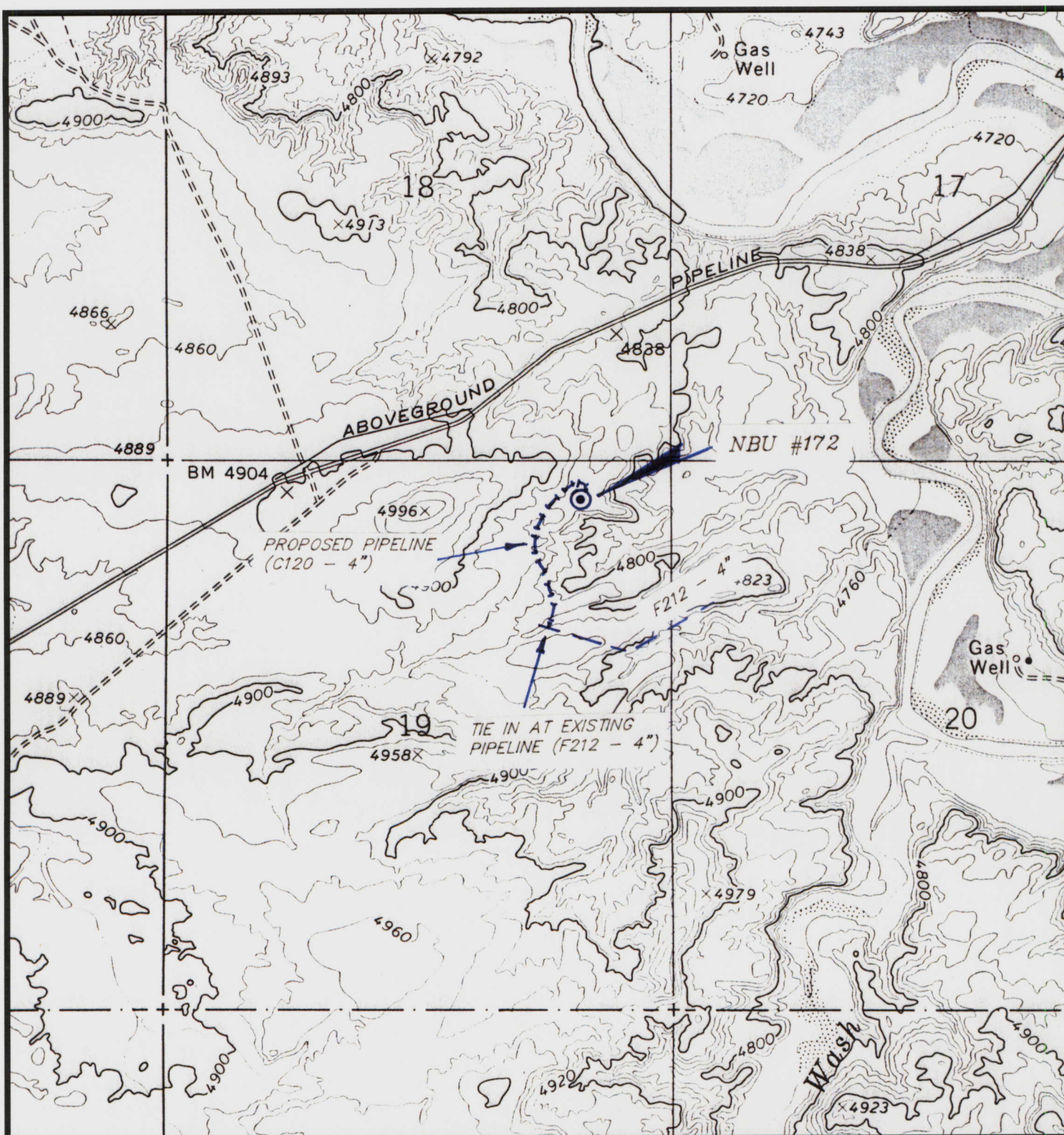
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

10 28 91
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: M.D.A. REV: 01-24-07 C.H.





APPROXIMATE TOTAL PIPELINE DISTANCE = 1511' +/-

Kerr-McGee Oil & Gas Onshore LP

NBU #172

SECTION 19, T9S, R22E, S.L.B.&M.

357' FNL 861' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



**TOPOGRAPHIC
MAP**

10 28 91
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: M.D.A. REV: 01-24-07 C.H.

**D
TOPO**



State of Utah
Department of
Natural Resources

MICHAEL R. STYLER
Executive Director

Division of
Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

January 31, 2007

Kerr-McGee Oil & Gas Onshore LP
1368 S 1200 E
Vernal, UT 84078

Re: Natural Buttes Unit 172 Well (Deepen), 357' FNL, 861' FEL, NE NE,
Sec. 19, T. 9 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-32194.

Sincerely,

Gil Hunt
Associate Director

mf
Enclosures

cc: Uintah County Assessor (via e-mail)
Bureau of Land Management, Vernal District Office

Operator: Kerr-McGee Oil & Gas Onshore LP
Well Name & Number Natural Buttes Unit 172
API Number: 43-047-32194
Lease: UTU-0284

Location: NE NE Sec. 19 T. 9 South R. 22 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dustin Doucet

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at: (801) 538-5338 office
(801) 733-0983 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office
(801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE/NE SEC. 19, T9S, R22E 357'FNL, 861'FEL

5. Lease Serial No.

UTU-0284

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 172

9. API Well No.

4304732194

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION TO CHANGE THE BOP LAYOUT FROM THE CHOKE AND KILL LINES COMING OFF A DRILLING SPOOL TO COMING OFF OF THE BOTTOM OF THE BOP.

PLEASE REFER TO THE ATTACHED REVISED BOP SCHEMATIC.

RECEIVED

JUN 05 2007

DIV. OF OIL, GAS & MINING

COPY SENT TO CHIEF
Date: 6-20-07
Initiator: RM

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

May 31, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Accepted by the
Utah Division of
Oil, Gas and Mining

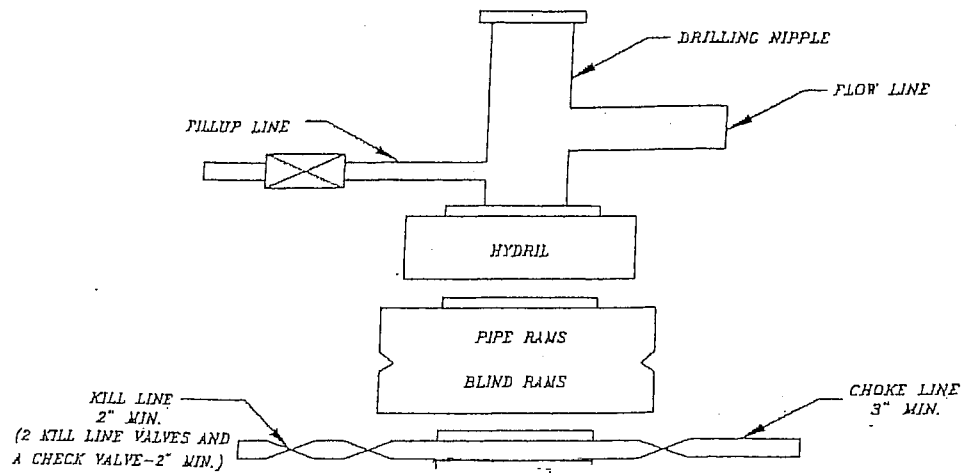
Date

Federal Approval Of This
Action Is Necessary

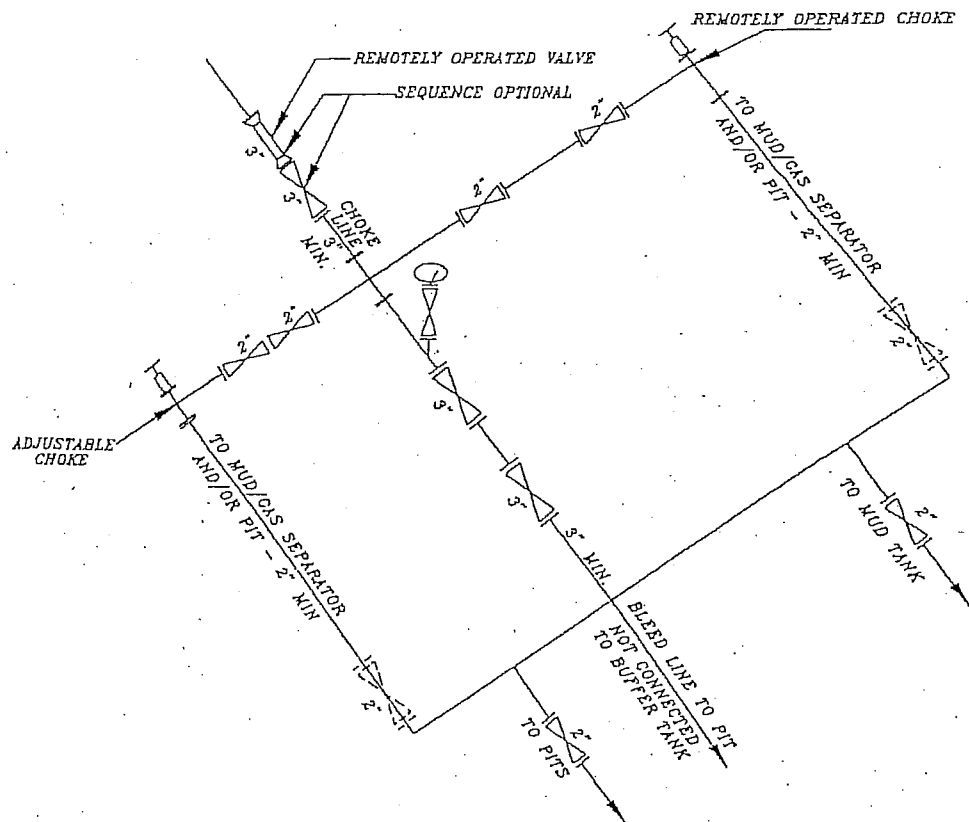
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

5M BOP STACK and CHOKE MANIFOLD SYSTEM



This drawing is to represent the new BOP layout with out the use of a drilling spool.



Form 3160-1
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-0284
2. Name of Operator KERR MCGEE		6. If Indian, Allottee, or Tribe Name TRIBAL SURFACE
3a. Address 1999 Broadway, Suite 3700 Denver, CO 80202		7. If Unit or C.A. Agreement Name and/or No. UNIT #891008900A NATURAL BUTTES UNIT
3b. Phone No. (include area code) 303-296-3600		8. Well Name and No. NDU 172
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NE NE 357' 861' 19 T 9S R 22E Long. FNL FEL		9. API Well No. 43-047-32194
Lat.		10. Field and Pool, or Exploratory Area NATURAL BUTTES
		11. County or Parish, State UINTAH UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give azimuthal locations and measured and true vertical depths or pertinent markers and angles. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

KERR MCGEE REQUESTS A CHANGE IN THE CONNECTION ON THE 3 1/2" CASING THAT WILL BE RUN FROM 5950' TO 9520' FROM HYDRILL 511 TO ULTRA FLUSH JOINT. THE CASING WEIGHT AND GRADE WILL STAY THE SAME AT 9.2# P-110.

verbal approval

originals mailed overnight

Michael Lee
Drilling EngineerJune 8, 2007 RECEIVED
JUN 26 2007

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct. Name (Printed Type)		Title
SCOTT TANNEHILL		DRILLING ENGINEER
Signature		Date
<i>Scott Tannehill</i>		6-Jun-07

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Title 18 U.S.C. Section 1001 AND Title 18 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any statement or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.		

(Instructions on page 2)

Completion record MD 5670 2 1/2" J-55 2474

Kerr McGee
Change Plans
Sundry - Notice of Intent

Well: NBU 172

Location: NENE Sec. 09, T19S, R22E

Lease: UTU-0284

Field: Natural Buttes

Conditions of Approval

Sundry Notices and Reports on Wells

Type of Submission: Notice of Intent

Type of Action: Change Plans

APD Modification as described in NOI Sundry is granted with the following condition(s):

1. All other conditions of approval associated with the previously approved NOI Deepen must be adhered to.
2. Following completion operations, submit in duplicate, Form 3160-4 (formerly Form 9-330), Well completion or Recompletion Report and Log, well history, electric logs, and any other surveys. This report must be filed within 30 days after the culmination of downhole recompletion operations.

If you have any other questions concerning this matter, please contact Michael Lee at (435) 781-4432.

noi coa Modification deepen TD change programs casing string liner : 2007-06-08
ml

1. CASING PROGRAM NBU 172:

Hole Size	Casing Size	Weight	Grade	Joint	Depth Set	New/Used	Collapse	Burst	Tension
4-3/4"	3 1/2"	9.2	P-110	Ultra Flush Joint	5950'-9,520'	New	13530	13970	193400
4-3/4"	3 1/2"	9.2	P-110	EUE 8RD	Surf - 5950'	New	13530	13970	284900

Casing: 7" 29# HCP-110

a) $\text{Burst} = 0.052 * \text{MW} * \text{TVD}(\text{shoe})$
 $= 0.052 * 11.5 \text{ ppg} * 9520'$
 $= 5962 \text{ psi}$
 $\text{Safety Factor} = \text{Rating/Burst}$
 $= 13970/5962$
 $= 2.45$

b) $\text{Collapse} = [0.052 * \text{MW} * \text{TVD}(\text{shoe})] - [\text{Gas Gradient} * \text{TVD}]$
 $= [0.052 * 11.5 \text{ ppg} * 9520'] - [0.22 * 9520']$
 $= 3598 \text{ psi}$
 $\text{Safety Factor} = \text{Rating/Collapse}$
 $= 13530/3598$
 $= 3.75$

c) Ultra Flush Joint
 $\text{Tension} = \text{Weight} * \text{TVD} * [1 - (\text{MW}/65.5 \text{ ppg})]$
 $= (9.2 * (9520' - 5950')) * [1 - 11.5/65.5]$
 $= 27077 \text{ lbs.}$
 $\text{Safety Factor} = \text{Rating/Tension}$
 $= 193400/27077$
 $= 7.14$

EUE
 $\text{Tension} = \text{Weight} * \text{TVD} * [1 - (\text{MW}/65.5 \text{ ppg})]$
 $= (9.2 * (5950')) * [1 - 11.5/65.5]$
 $= 45129 \text{ lbs.}$
 $\text{Safety Factor} = \text{Rating/Tension}$
 $= 284900/45129$
 $= 6.31$

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS
*Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.*

SUBMIT IN TRIPLICATE - Other Instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-0284
2. Name of Operator KERR MCGEE		6. If Indian, Allottee, or Tribe Name TRIBAL SURFACE
3a. Address 1999 Broadway, Suite 3700 Denver, CO 80202	3b. Phone No. (include area code) 303-296-3600	7. If Unit or CA. Agreement Name and/or No. UNIT #891008900A NATURAL BUTTES UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NE NE 357' 861' 19 T 9S R 22E Long. FNL FEL		8. Well Name and No. NBU 172
		9. API Well No. 43-047-32194
		10. Field and Pool, or Exploratory Area NATURAL BUTTES
		11. County or Parish, State UINTAH UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

KERR MCGEE REQUESTS A CHANGE IN THE CONNECTION ON THE 3 1/2" CASING THAT WILL BE RUN FROM 5950' TO 9520' FROM HYDRILL 511 TO ULTRA FLUSH JOINT. THE CASING WEIGHT AND GRADE WILL STAY THE SAME AT 9.2# P-110.

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary

RECEIVED
JUL 02 2007

DIV. OF OIL, GAS & MINING

Date: 7/10/07
By: [Signature]

14. I hereby certify that the foregoing is true and correct.
Name (Printed/ Typed)

SCOTT TANNEHILL

Title

DRILLING ENGINEER

Signature

Date

6-Jun-07

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

COPY SENT TO OPERATOR

Date

Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Date: 7-11-07

Initials: [Signature]

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

1. CASING PROGRAM NBU 172:

Hole Size	Casing Size	Weight	Grade	Joint	Depth Set	New/Used	Collapse	Burst	Tension
4-3/4"	3 1/2"	9.2	P-110	Ultra Flush Joint	5950' - 9,520'	New	13530	13970	193400
4-3/4"	3 1/2"	9.2	P-110	EUE 8RD	Surf - 5950'	New	13530	13970	284900

Casing: 7" 29# HCP-110


$$\begin{aligned}
 \text{a) Burst} &= 0.052 * \text{MW} * \text{TVD}(\text{shoe}) \\
 &= 0.052 * 11.5 \text{ ppg} * 9520' \\
 &= 5962 \text{ psi} \\
 \text{Safety Factor} &= \text{Rating/Burst} \\
 &= 13970/5962 \\
 &= 2.45
 \end{aligned}$$

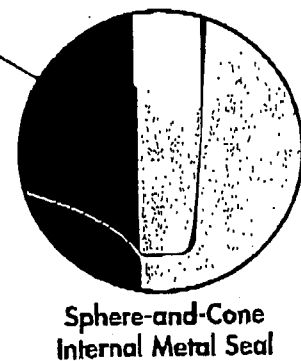
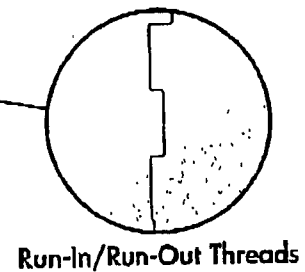
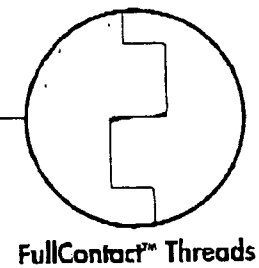
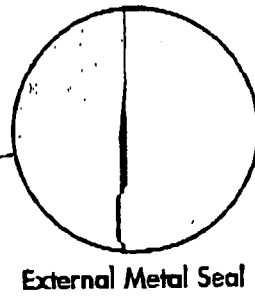
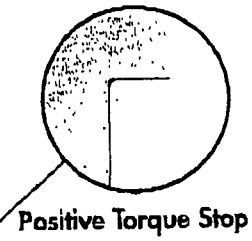
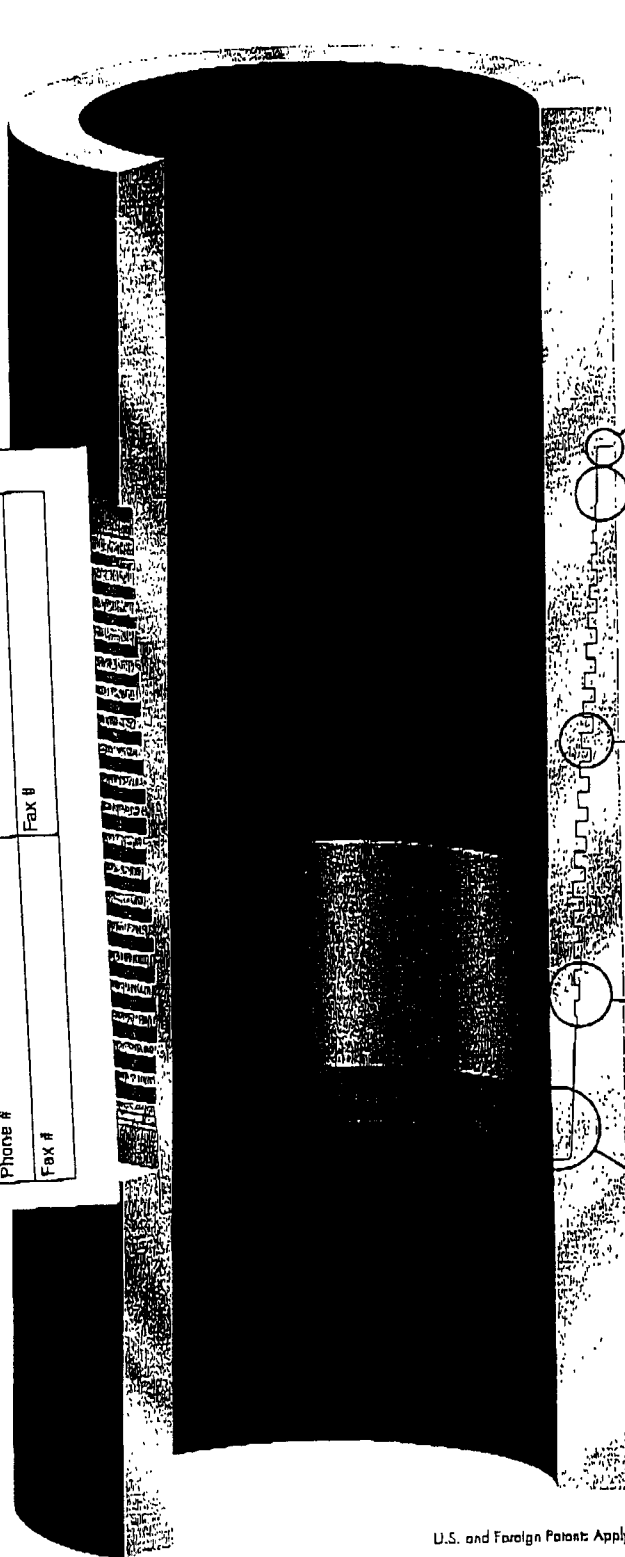
$$\begin{aligned}
 \text{b) Collapse} &= [0.052 * \text{MW} * \text{TVD}(\text{shoe})] - [\text{Gas Gradient} * \text{TVD}] \\
 &= [.052 * 11.5 \text{ ppg} * 9520'] - [0.22 * 9520'] \\
 &= 3598 \text{ psi} \\
 \text{Safety Factor} &= \text{Rating/Collapse} \\
 &= 13530/3598 \\
 &= 3.75
 \end{aligned}$$

$$\begin{aligned}
 \text{c) Ultra Flush Joint} \\
 \text{Tension} &= \text{Weight} * \text{TVD} * [1 - (\text{MW}/65.5\text{ppg})] \\
 &= (9.2 * (9520' - 5950')) * [1 - 11.5/65.5] \\
 &= 27077 \text{ lbs.} \\
 \text{Safety Factor} &= \text{Rating/Tension} \\
 &= 193400/27077 \\
 &= 7.14
 \end{aligned}$$

$$\begin{aligned}
 \text{EUE} \\
 \text{Tension} &= \text{Weight} * \text{TVD} * [1 - (\text{MW}/65.5\text{ppg})] \\
 &= (9.2 * (5950')) * [1 - 11.5/65.5] \\
 &= 45129 \text{ lbs.} \\
 \text{Safety Factor} &= \text{Rating/Tension} \\
 &= 284900/45129 \\
 &= 6.31
 \end{aligned}$$

ULTRA-FJ™

Post-it [®] Fax Note		7671	Date	# of pages
To	Co./Dept.	Phone #	Fax #	
				



U.S. and Foreign Patents Apply

Available in sizes 2-3/8" through 13-5/8" O.D.

What makes ULTRA-FJ™ the strongest flush-joint connection . . .

- ULTRA-FJ has the highest tensile efficiency of any true flush-joint casing connection
- ULTRA-FJ has compression efficiency equal to or greater than its tensile efficiency
- ULTRA-FJ pressure ratings exceed API minimum internal yield and collapse pressure

Positive Torque Stop

- Exactly locates metal seals and threads
- Result: Reliability and connection performance*

External Metal Seal

- Simple, reliable seal resists external pressure in excess of API Collapse Pressure
- Result: Pressure integrity*

FullContact™ Threads

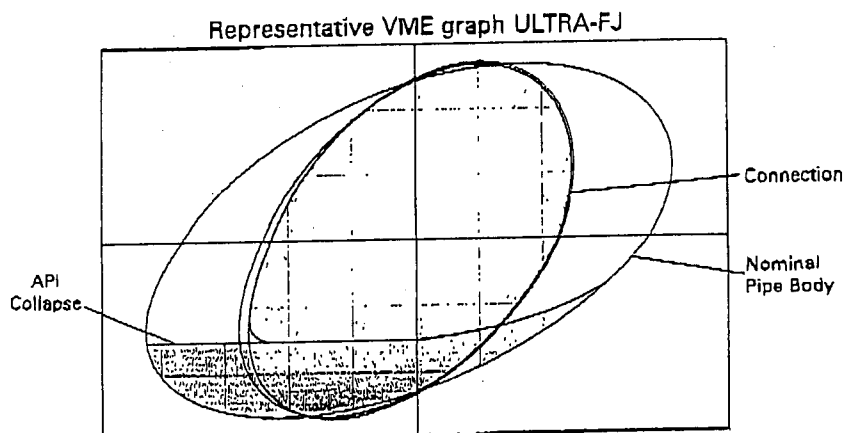
- Stab Flanks contact at full engagement to distribute compressive loading throughout threads
- Result: Compression efficiency*
- Reverse Angle Load Flank ("Hook Thread")
- Result: High tension and bending capacity*
- Patented Stab-Flank Chamfer
- Result: Deep, easy stabbing and quick, easy make-up*

Run-in/Run-out Threads

- Complimentary Run-In/Run-out threads extend thread mating surfaces
- Result: Maximum critical section area*

Sphere-and-Cone Internal Metal Seal

- Radial interference develops seal contact pressure
- Result: External factors (axial loads, temperature, dope, make-up torque) do not affect seal performance*
- Recommended Make-up Torque does not affect seal dimensions or contact pressure
- Result: Connection can be tripped multiple times*



For the ULTRA-FJ Flush-Joint Connection: **compressive** mechanical efficiency \geq **tensile** mechanical efficiency.

I-80			T-95			P-110			Q-125			Nom OD
Yield Load	Reference Depth	Parting Load	Yield Load	Reference Depth	Parting Load	Yield Load	Reference Depth	Parting Load	Yield Load	Reference Depth	Parting Load	
71,300	10,700	83,600	84,700	12,700	92,900	98,100	14,700	110,300	111,500	16,700	119,700	2 3/8
93,800	10,800	110,100	111,500	12,900	122,300	129,200	14,900	145,300	146,800	17,000	157,600	2 3/8
96,200	10,400	112,200	114,300	12,300	124,900	132,300	14,300	148,200	150,400	16,200	160,900	2 7/8
124,100	10,800	144,500	147,400	12,800	160,900	170,600	14,800	191,000	193,900	16,800	207,400	2 7/8
139,900	11,000	163,100	166,100	13,100	181,500	192,300	15,100	215,600	218,600	17,200	234,000	2 7/8
133,400	10,000	154,600	158,400	11,900	172,400	183,400	13,800	204,500	206,400	15,700	222,200	3 1/2
154,800	10,400	179,500	183,800	12,300	200,000	212,900	14,300	237,400	241,900	16,200	257,900	3 1/2
204,300	10,800	236,900	242,600	12,900	264,000	280,900	14,900	313,300	318,200	16,900	340,400	3 1/2
140,100	10,200	161,600	166,400	12,100	180,400	192,600	14,000	213,900	218,800	16,000	232,700	4
180,800	10,200	185,500	190,900	12,100	207,000	221,100	14,000	245,500	251,200	16,000	267,000	4
182,600	10,700	210,600	216,800	12,700	235,100	251,000	14,700	278,800	285,300	16,700	303,200	4
214,200	11,000	247,200	254,400	13,100	275,800	294,600	15,100	327,100	334,700	17,200	356,800	4
278,200	11,600	321,100	330,400	13,800	358,300	382,600	16,000	425,000	434,800	18,200	462,200	4
154,800	10,000	177,700	183,800	11,900	198,600	212,900	13,800	235,400	241,900	15,700	256,300	4 1/2
174,600	10,200	200,400	207,300	12,100	224,000	240,100	14,100	265,500	272,800	16,000	289,000	4 1/2
203,500	10,400	233,700	241,700	12,300	261,100	279,900	14,300	309,500	318,000	16,200	337,000	4 1/2
251,700	11,200	289,000	298,900	13,300	323,000	346,100	15,400	382,800	393,300	17,500	416,800	4 1/2
285,400	11,500	327,700	339,000	13,600	366,300	392,500	15,800	434,100	446,000	17,900	472,600	4 1/2
197,100	10,200	225,100	234,100	12,100	252,000	271,000	14,000	296,500	308,000	16,000	325,300	5
235,800	10,500	269,400	280,000	12,500	301,500	324,300	14,500	357,200	368,500	16,500	389,200	5
301,200	11,100	344,100	357,700	13,200	385,100	414,100	15,300	456,200	470,600	17,400	497,200	5
345,600	11,500	394,900	410,400	13,800	441,800	475,200	15,800	523,500	540,000	17,900	570,400	5
378,000	11,800	431,900	448,800	14,000	483,200	519,700	16,200	572,500	590,600	18,400	623,900	5
414,900	11,900	474,200	492,700	14,200	530,500	570,500	16,400	628,600	648,300	18,700	685,000	5
438,100	12,100	500,600	520,200	14,400	560,100	602,400	16,700	663,600	684,500	18,900	723,100	5 1/2
232,400	10,000	264,200	275,900	11,900	296,000	319,500	13,800	350,500	363,100	15,700	382,300	5 1/2
259,200	10,200	294,700	307,800	12,100	330,300	356,500	14,000	391,100	405,100	16,000	426,600	5 1/2
309,200	10,400	351,700	367,200	12,300	394,000	425,200	14,300	466,600	483,200	16,200	509,000	5 1/2
367,700	10,800	418,300	436,700	12,900	468,600	505,700	14,800	554,900	574,600	16,900	605,200	5 1/2
441,000	11,500	501,600	523,700	13,600	562,000	606,400	15,800	665,500	689,100	17,900	725,900	5 1/2
487,700	11,600	531,900	555,400	13,800	595,900	643,100	16,000	705,700	730,800	18,200	769,700	5 1/2
532,900	11,900	606,100	632,800	14,200	679,000	732,700	16,400	804,100	832,600	18,700	877,000	5 1/2
368,100	10,400	413,900	437,100	12,300	465,100	506,100	14,300	550,100	575,100	16,200	601,400	6 5/8
342,800	10,000	384,000	407,000	11,900	432,000	471,300	13,800	510,700	535,600	15,700	558,700	7
412,400	10,700	460,900	489,700	12,700	518,800	567,000	14,700	613,200	644,400	16,700	671,200	7
468,800	10,800	525,300	556,700	12,900	590,900	644,700	14,900	698,600	732,600	17,000	784,200	7
539,500	11,300	604,500	640,700	13,400	680,000	741,900	15,600	804,000	843,100	17,700	879,500	7
605,400	11,600	678,900	718,900	13,800	763,100	832,400	16,000	902,100	946,000	18,200	986,900	7
660,700	11,800	740,300	784,600	14,000	832,800	908,500	16,200	984,600	1,032,400	18,400	1,077,100	7
380,800	9,900	424,000	452,200	11,700	477,800	523,600	13,600	584,500	595,100	15,500	618,300	7 5/8
480,900	10,500	512,400	546,600	12,500	577,400	632,900	14,500	682,200	719,200	16,500	747,200	7 5/8
547,100	11,000	608,400	649,700	13,100	686,000	752,300	15,100	810,300	854,900	17,200	887,900	7 5/8
657,000	11,500	731,600	780,200	13,600	824,400	903,400	15,800	974,000	1,026,600	17,900	1,086,800	7 5/8
751,900	11,800	837,300	892,900	14,000	943,500	1,033,900	16,200	1,114,700	1,174,800	18,400	1,220,900	7 5/8
806,600	11,800	897,200	957,900	14,000	1,011,300	1,109,100	16,200	1,194,700	1,280,300	18,400	1,308,800	7 3/4
739,300	11,300	815,000	878,000	13,400	920,900	1,016,600	15,600	1,086,800	1,155,200	17,700	1,192,800	8 5/8
635,600	10,800	693,200	754,800	12,900	785,700	874,000	14,900	928,200	983,200	17,000	1,016,500	9 5/8
707,000	11,000	771,100	839,500	13,100	873,900	972,100	15,100	1,030,200	1,104,600	17,200	1,133,000	9 5/8
786,300	11,300	857,700	933,700	13,400	971,900	1,081,100	15,600	1,145,800	1,228,600	17,700	1,260,100	9 5/8
925,400	11,600	1,009,600	1,098,900	13,800	1,144,000	1,272,400	16,000	1,348,700	1,445,900	18,200	1,483,200	9 5/8
1,124,100	12,100	1,223,300	1,334,900	14,400	1,387,200	1,546,700	16,600	1,634,900	1,756,500	18,900	1,798,800	9 7/8
580,600	9,900	624,300	689,500	11,800	710,300	798,300	13,600	836,100	907,200	15,500	922,100	10 3/4
669,400	10,000	721,800	795,000	11,900	820,700	920,500	13,800	966,300	1,046,000	15,700	1,065,100	10 3/4
784,600	10,500	846,200	931,800	12,500	962,000	1,078,900	14,500	1,132,700	1,226,000	16,500	1,248,500	10 3/4
898,100	11,000	968,600	1,066,600	13,100	1,101,200	1,235,000	15,100	1,296,500	1,403,400	17,200	1,429,100	10 3/4
1,025,400	11,500	1,105,800	1,217,700	13,600	1,257,200	1,410,000	15,800	1,480,200	1,602,300	17,900	1,631,600	10 3/4
1,114,600	11,500	1,202,900	1,323,700	13,600	1,366,800	1,532,700	15,800	1,609,300	1,741,700	17,900	1,773,800	10 3/4
700,700	10,200	747,500	832,100	12,100	852,400	963,400	14,000	1,002,400	1,094,800	16,000	1,107,300	10 3/4
845,400	10,700	902,700	1,004,000	12,700	1,028,600	1,162,500	14,700	1,209,600	1,321,000	16,700	1,336,200	11 3/4
973,600	11,000	1,038,900	1,158,200	13,100	1,184,700	1,338,700	15,100	1,383,200	1,521,300	17,200	1,538,900	11 3/4
1,089,200	11,300	1,162,300	1,293,400	13,400	1,325,300	1,497,600	15,600	1,558,800	1,701,800	17,700	1,721,600	11 3/4
1,245,300	11,800	1,327,000	1,478,800	14,000	1,513,700	1,712,300	16,200	1,779,900	1,945,800	18,400	1,966,600	11 7/8
836,100	10,500	876,400	992,900	12,500	1,004,500	1,149,700	14,500	1,179,000	1,306,500	16,500	1,307,000	13 3/8
958,100	10,700	1,002,500	1,135,400	12,700	1,148,800	1,314,600	14,700	1,348,400	1,489,900	16,700	1,494,800	13 3/8
1,062,500	10,700	1,114,400	1,261,800	12,700	1,277,000	1,461,000	14,700	1,499,000	1,660,200	16,700	1,661,500	13 3/8
1,136,300	10,700	1,192,100	1,349,400	12,700	1,365,900	1,582,500	14,700	1,603,300	1,775,500	16,700	1,777,100	13 3/8
1,519,100	11,600	1,589,300	1,804,000	13,800	1,822,400	2,088,800	16,000	2,138,600	2,373,700	18,200	2,371,700	13 5/8

Reference Depth = $\frac{\text{Connection Yield Load}}{(\text{PE Wt} / \text{Ft}) (1.5)}$

Reference depth includes a 1.5 Design Factor
and does not consider bending, temperature, buoyancy or other load considerations.

ULTRA-FJ Product Summary: Pipe and Connection Data

Nominal OD	Nominal Weight	PIPE BODY				CONNECTION				J-55		
		PE Weight	Wall Thickness	Drift Dia	Average PBA	Bored ID	% Tensile Efficiency	% Comprsn Efficiency	Make-Up Loss	Yield Load	Reference Depth	Parting Load
2 3/8	4.60	4.43	0.190	1.901	1.311	1.986	68.0%	70.1%	3.330	49,000	7,300	65,300
2 3/8	5.80	5.75	0.254	1.773	1.702	1.858	69.0%	71.1%	4.083	64,600	7,400	86,000
2 7/8	6.40	6.16	0.217	2.347	1.822	2.434	66.0%	68.0%	3.379	66,100	7,100	87,500
2 7/8	7.80	7.66	0.276	2.229	2.286	2.316	69.0%	71.1%	3.316	85,300	7,400	112,600
2 7/8	8.60	8.44	0.308	2.165	2.498	2.252	70.0%	72.1%	3.809	96,100	7,500	127,300
3 1/2	9.20	8.81	0.254	2.887	2.604	2.981	64.0%	66.0%	3.604	91,700	6,900	120,300
3 1/2	10.20	9.91	0.289	2.797	2.931	2.911	66.0%	68.0%	4.114	106,400	7,100	139,600
3 1/2	12.70	12.52	0.375	2.625	3.702	2.739	69.0%	71.1%	3.683	140,400	7,400	184,300
4	9.50	9.11	0.226	3.423	2.694	3.539	65.0%	67.0%	3.433	96,300	7,000	125,400
4	10.70	10.46	0.262	3.351	3.093	3.467	65.0%	66.9%	3.766	110,500	7,000	143,900
4	11.80	11.34	0.286	3.303	3.355	3.419	68.0%	70.1%	3.447	125,500	7,300	163,400
4	13.20	12.93	0.330	3.215	3.826	3.331	70.0%	72.1%	3.980	147,300	7,500	191,800
4	16.10	15.89	0.415	3.045	4.700	3.161	74.0%	76.2%	4.459	191,300	8,000	249,200
4 1/2	10.50	10.23	0.224	3.927	3.025	4.045	64.0%	65.9%	3.423	106,400	6,900	137,600
4 1/2	11.60	11.35	0.250	3.875	3.356	3.993	65.0%	67.0%	3.727	120,000	7,000	155,100
4 1/2	13.50	13.04	0.290	3.795	3.856	3.913	66.0%	68.0%	4.179	139,900	7,100	180,900
4 1/2	15.10	14.99	0.337	3.701	4.431	3.819	71.0%	73.1%	3.706	173,000	7,600	223,700
4 1/2	16.60	16.52	0.375	3.625	4.886	3.743	73.0%	73.8%	4.126	196,200	7,900	253,800
5	13.00	12.83	0.253	4.369	3.793	4.489	65.0%	66.9%	4.219	135,500	7,000	173,900
5	15.00	14.87	0.296	4.283	4.398	4.403	67.0%	66.9%	3.534	162,100	7,200	208,100
5	18.00	17.93	0.362	4.151	5.303	4.271	71.0%	73.1%	3.892	207,000	7,600	265,800
5	20.30	20.01	0.408	4.059	5.918	4.179	73.0%	75.2%	4.421	237,600	7,900	305,000
5	21.40	21.30	0.437	4.001	6.299	4.121	75.0%	77.3%	4.827	259,800	8,100	333,600
5	23.20	23.08	0.476	3.919	6.828	4.039	76.0%	78.2%	4.580	285,200	8,200	366,300
5	24.10	24.03	0.500	3.875	7.108	3.995	77.0%	78.4%	4.744	301,200	8,300	386,700
5 1/2	15.50	15.35	0.275	4.825	4.538	4.947	64.0%	65.9%	3.762	159,700	6,900	203,600
5 1/2	17.00	16.87	0.304	4.767	4.889	4.889	65.0%	66.9%	4.102	178,200	7,000	227,100
5 1/2	20.00	19.81	0.361	4.653	5.859	4.775	66.0%	68.0%	3.809	212,600	7,100	271,100
5 1/2	23.00	22.54	0.415	4.545	6.665	4.667	69.0%	71.0%	4.126	252,800	7,400	322,400
5 1/2	26.00	25.54	0.476	4.423	7.554	4.545	73.0%	75.2%	4.813	303,200	7,900	386,600
5 1/2	26.80	26.70	0.500	4.375	7.897	4.497	74.0%	76.3%	4.464	321,500	8,000	410,000
5 1/2	29.70	29.64	0.562	4.251	8.767	4.373	76.0%	78.3%	5.040	366,300	8,200	467,200
6 5/8	24.00	23.58	0.362	5.796	6.974	5.923	65.0%	68.0%	3.889	253,000	7,100	317,200
7	23.00	22.63	0.317	6.241	6.690	6.369	64.0%	65.9%	4.284	235,600	6,900	293,700
7	26.00	25.66	0.362	6.151	7.589	6.279	68.0%	70.0%	4.064	283,500	7,300	352,200
7	29.00	28.72	0.408	6.059	8.494	6.187	69.0%	71.1%	4.138	322,300	7,400	401,900
7	32.00	31.67	0.453	6.000	9.367	6.103	72.0%	74.2%	4.658	370,900	7,800	462,500
7	35.00	34.58	0.498	5.879	10.227	6.007	74.0%	76.2%	5.273	416,200	8,000	519,000
7	38.00	37.26	0.540	5.795	11.019	5.923	75.0%	77.2%	4.983	454,200	8,100	566,500
7 5/8	26.40	25.56	0.328	6.844	7.558	6.975	63.0%	64.9%	4.165	261,800	6,800	323,300
7 5/8	29.70	29.04	0.375	6.750	8.586	6.881	67.0%	69.0%	4.022	316,400	7,200	390,800
7 5/8	33.70	33.04	0.430	6.640	9.771	6.771	70.0%	72.1%	4.237	376,100	7,500	463,400
7 5/8	39.00	38.05	0.500	6.500	11.252	6.631	73.0%	75.2%	4.574	451,700	7,900	558,000
7 5/8	42.80	42.39	0.562	6.376	12.538	6.507	75.0%	77.2%	5.186	516,900	8,100	638,600
7 3/4	46.10	45.47	0.595	6.500	13.447	6.579	75.0%	77.2%	5.389	554,500	8,100	684,000
8 5/8	44.00	43.39	0.500	7.500	12.830	7.635	72.0%	74.2%	5.068	508,300	7,800	618,400
9 5/8	40.00	38.94	0.395	8.679	11.513	8.842	69.0%	71.1%	4.717	437,000	7,400	523,200
9 5/8	43.50	42.69	0.435	8.625	12.625	8.768	70.0%	72.1%	4.609	486,000	7,500	582,000
9 5/8	47.00	46.14	0.472	8.525	13.644	8.698	72.0%	74.2%	5.085	540,500	7,800	647,300
9 5/8	53.50	52.85	0.545	8.500	15.629	8.567	74.0%	76.2%	4.934	636,200	8,000	762,000
9 7/8	62.80	61.74	0.625	8.500	18.259	8.640	77.0%	79.3%	5.793	772,800	8,300	922,100
10 3/4	40.50	38.88	0.350	9.694	11.494	10.062	63.0%	64.5%	4.487	399,100	6,800	467,600
10 3/4	45.50	44.22	0.400	9.875	13.074	9.978	64.0%	65.9%	5.155	460,200	6,900	541,600
10 3/4	51.00	49.50	0.450	9.694	14.637	9.862	67.0%	69.0%	5.027	539,400	7,200	634,900
10 3/4	55.50	54.21	0.495	9.604	16.031	9.772	70.0%	72.1%	4.984	617,500	7,500	726,700
10 3/4	60.70	59.40	0.545	9.504	17.565	9.672	73.0%	75.2%	4.911	705,000	7,900	826,500
10 3/4	65.70	64.53	0.595	9.500	19.083	9.591	73.0%	75.2%	5.404	766,300	7,900	902,200
11 3/4	47.00	45.60	0.375	10.844	13.470	11.016	65.0%	67.0%	4.979	481,700	7,000	557,600
11 3/4	54.00	52.62	0.435	10.724	15.543	10.896	68.0%	70.0%	5.050	581,200	7,300	672,900
11 3/4	60.00	58.81	0.489	10.625	17.390	10.790	70.0%	72.1%	5.197	669,300	7,500	775,100
11 3/4	65.00	63.97	0.534	10.625	18.915	10.718	72.0%	74.1%	5.640	748,800	7,800	867,200
11 7/8	71.80	70.19	0.582	10.625	20.757	10.741	75.0%	77.2%	6.354	856,100	8,100	988,400
13 3/8	64.50	52.74	0.380	12.459	15.593	12.637	67.0%	69.0%	4.286	574,800	7,200	647,800
13 3/8	61.00	59.50	0.430	12.359	17.578	12.537	68.0%	70.0%	4.199	657,300	7,300	740,600
13 3/8	68.00	66.10	0.480	12.259	19.546	12.437	68.0%	70.0%	4.628	730,500	7,300	823,700
13 3/8	72.00	70.80	0.514	12.250	20.878	12.381	68.0%	70.1%	4.882	781,200	7,300	881,200
13 5/8	88.20	86.78	0.625	12.250	25.659	12.405	74.0%	76.2%	5.642	1,044,400	8,000	1,173,000

The performance properties given in these tables are calculated per API 5C3. Yield Load is based upon minimum material values and average pipe body dimensions. Parting Load is based upon minimum ultimate strength of the material and the API Buttress formula. Neither Minimum Yield or Parting Load include any Design or Safety Factor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE/NE SEC. 19, T9S, R22E 357'FNL, 861'FEL

5. Lease Serial No.

UTU-0284

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 172

9. API Well No.

4304732194

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION TO CHANGE THE CASING PROGRAM TO RUN 9.2# P-110 ULTRA FLUSH JOINT TO SURFACE FROM TD AND TO RUN 1 CENTRALIZER EVERY 6 JTS.

PLEASE REFER TO THE ATTACHED REVISED CASING PROGRAM.

A VERBAL APPROVAL WAS GIVEN BY JIM ASHLEY ON 07/09/2007, BLM REPRESENTATIVE.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
RECEIVED
JUL 17 2007
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

July 10, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

1. CASING PROGRAM NBU 172:

Hole Size	Casing Size	Weight	Grade	Joint	Depth Set	New/Used	Collapse	Burst	Tension
4-3/4"	3 1/2"	9.2	P-110	Ultra Flush Joint	5950'-9,520'	New	13530	13970	183400

1) Ultra Flush Joint

$$\begin{aligned}
 \text{a) Burst} &= 0.052 * \text{MW} * \text{TVD}(\text{shoe}) \\
 &= 0.052 * 11.5 \text{ ppg} * 9520' \\
 &= 5962 \text{ psi}
 \end{aligned}$$

$$\begin{aligned}
 \text{Safety Factor} &= \text{Rating/Burst} \\
 &= 13970/5962 \\
 &= 2.45
 \end{aligned}$$

$$\begin{aligned}
 \text{b) Collapse} &= [0.052 * \text{MW} * \text{TVD}(\text{shoe})] - [\text{Gas Gradient} * \text{TVD}] \\
 &= [0.052 * 11.5 \text{ ppg} * 9520'] - [0.22 * 9520'] \\
 &= 3598 \text{ psi}
 \end{aligned}$$

$$\begin{aligned}
 \text{Safety Factor} &= \text{Rating/Collapse} \\
 &= 13530/3598 \\
 &= 3.75
 \end{aligned}$$

$$\begin{aligned}
 \text{c) Tension} &= \text{Weight} * \text{TVD} * [1 - (\text{MW}/65.5\text{ppg})] \\
 &= (9.2 * (9520')) * [1 - 11.5/65.5] \\
 &= 72207 \text{ lbs.}
 \end{aligned}$$

$$\begin{aligned}
 \text{Safety Factor} &= \text{Rating/Tension} \\
 &= 183400/72207 \\
 &= 2.67
 \end{aligned}$$

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE/NE SEC. 19, T9S, R22E 357'FNL, 861'FEL

5. Lease Serial No.

UTU-0284

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 172

9. API Well No.

4304732194

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other SIDE TRACK
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION TO SIDE TRACK THE SUBJECT WELL LOCATION. ON 07/16/2007. THE ENCOUNTERED PROBLEMS DURING DRILLING OPERATIONS. DUE TO A BIT, BIT BOX AND PART OF THE MUD MOTOR BEING LEFT IN THE HOLE. THE FISH IS APPROXIMATELY 14 FT LONG AND IS SITTING ON BOTTOM AT 7956'. THE OPERATOR ATTEMPTED TO FISH AND WERE UNSUCCESSFUL. A SIDETRACK PLUG WAS SET FROM 7930'-7446' THE OPERATOR IS GOING TO SIDE TRACK AROUND THE FISH.

A VERBAL APPROVAL WAS GRANTED TO SCOTT TANNEHILL, FROM JIM ASHLEY BLM REPRESENTATIVE ON 07/17/2007 TO SIDE TRACK THE WELL LOCATION.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Signature

Title

SENIOR LAND ADMIN SPECIALIST

Date

July 17, 2007

SENT TO OPERATOR

DATE: 9-6-07
BY: RM

Approved by

Title

Accepted by the
Utah Division of
Office Oil, Gas and Mining

Date

Federal Approval Of This
Action is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED
JUL 20 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE/NE SEC. 19, T9S, R22E 357'FNL, 861'FEL

5. Lease Serial No.

UTU-0284

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 172

9. API Well No.

4304732194

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input checked="" type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other PRODUCTION START-UP
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 09/08/2007 AT 10:00 AM..

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

RECEIVED

SEP 17 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGG

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

September 10, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Anadarko Petroleum Corporation
1368 S. 1200 East
Vernal, UT 84078

CHRONOLOGICAL WELL HISTORY

NBU 172

NENE, SEC. 19, T9S, R22E
UINTAH COUNTY, UT

DEEPENING

04/09/07

MIRU

Days On Wellwork: 1

Daily Detail: 7:00 HSM ROAD RIG FROM CIGE 112D TO NBU 172, MIRU SPOT EQUIP, R/U PUMP LINES. BLOW WELL DN PUMP. 10 BBLS DN TBG. N/D WELL HEAD, N/U BOPS. R/U TBG EQUIP, POOH W/ HANGER, MIRU DELSCO. RIH & RETRIEVE BUMPER SPRING, DROP STANDING VALVE PRESSURE TEST TBG TO 2500# HELD FOR 10 MIN. BLEED PSI OFF DELSCO RIH W/ JDC TOOL & WAS UNABLE TO RETRIEVE STANDING VALVE SWIFN. 5:00

04/10/07

C/O SCALE

Days On Wellwork: 2

Daily Detail: 7:00 HSM CHECK WELL PSI 0# SITP, 150# SICSGP, MIRU DELSCO W/ BRAIDED LINE, RIH W/ JDC TOOL LATCHED ON TO STANDING VALVE PULLED OUT OF ROPE SOCKET, POOH REHEADED, RIH FISHED TOOLS AND WAS ABLE TO UNSEAT STNDG VALVE, POOH R/D DELSCO, R/U NALCO PUMPED 5 GAL OF BIOCIDES, 126 GAL HCL, FLUSHED W/ 22 BBLS KCL WTR. P/U 3 JNTS 2-3/8 TBG TAGGED @ 5800', POOH W 197 JNTS, SEAT NIPPLE, 1 JNT, NC ON BOTTOM, TOO WINDY TO RIH SWIFN. 3:00

4/11/07

C/O SCALE

Days On Wellwork: 3

Daily Detail: DAY #3] 7:00 HSM CHECK WELL PSI, 150# SICP, BLOW WELL DN, PUMP'D 20 BBLS, P/U & RIIH W/ 4-3/4 MILL, X-O, 4-JNTS 3-1/8 DRL COLLARS, X-O, 2-3/8 TBG TAG & 5800', P/U PWR SWVL BRK CIRC W/ AIR FOAM C/O FROM 5800' TO 5970' [PBTD] HARD DRLG FOR FIRST 2 OR 3 FEET, SAND ALL TH WAY TO BOTTOM. CIRC HOLE CLEAN, PUMP'D 12 BBLS DN TBG POOH W/ TBG STND COLLARS BACK. SWIFN. 4:30

04/12/07

TEST CASING

Days On Wellwork: 4

Daily Detail: DAY #4] 7:00 HSM OPEN WELL UP CHECK PSI, 0# SICP, P/U & RIH W/ WEATHERFORD 5-1/2 PKR, 2-3/8 TBG, SET PKR @ 5644' [ABOVE TOP PERF @ 5662'] FILLED CSG W/ 80 BBLS PRESSURE TESTED TO 1500# FOR 10 MIN. GOOD TEST, UNSET PKR RIH & SET PKR @ 5738' BELOW BOTTOM PERF FILLED TBG TESTED TO 1500# FOR 10 MIN. RELEASED PKR & POOH L/D PKR, P/U 5-1/2 C/R RIH SET @ 5615', FILLED CSG PRESSURE TESTED TO MAKE SURE C/R WAS GOOD TO 1000#. SWIFN 3:00

04/13/07

SQUEEZE

Days On Wellwork: 5

Daily Detail: DAY#5] 7:00 WELL PSI-0#, MIRU BIG 4 CEMENTERS, HSM, PUT 500# ON CSG, PUMP'D 40 BBLS DN TBG COULDN'T EST INJECTION RATE, WENT TO CEMENT. PUMP'D 100 SX W/ 2% CaCL2 FOLLOWED W/ 100 SX CLASS "G" CEMENT. TBG PRESSURE LOCKED UP @ 2500#. STUNG OUT OF CICR. LAID DN 2 JNTS LEFT 1 BBL ON CICR. REVERSED CIRC HOLE CLEAN. R/D BIG 4, POOH W/ TBG & STINGER, SWIFWE. 3:00

04/16/07 DRILL CMT
 Days On Wellwork: 8
 Remarks: 7:00 AM, (DAY#6) HELD JSA ON DRILLING OUT CEMENT. SICP 0#. PU 4 3/4" MILL W/ 4-3 1/8" DRILL COLLARS, RIH TAG CEMENT @ 5540' 70' ON TOP OF CEMENT RETAINER @ 5610'. RU DRILLING EQUIPMENT, ESTABLISH CIRC W/ 2% KCL WTR.C/O 70' OF SPOTTY CEMENT. DRILL OUT RETAINER IN 5 1/2 HR'S. C/O 20' OF CEMENT IN 2 1/2 HR'S EOT @ 5630'. CIRC WELL CLEAN, PREPARE TO POOH W/ MILL AND CHANGE OUT FOR 4 3/4" BIT IN THE AM. 5:00 PM, SWI SDFN.

04/17/07 DRILL CMT
 Days On Completion: 9
 Remarks: 7:00 AM, (DAY#7) HELD JSA TRIPING TBG. SICP 0# SITP 0#. OPEN WELL POOH W/ 4 3/4" MILL. PU 4 3/4" BIT, RIH TAG @ 5630', PU SWIVEL, ESTABLISH CIRC W/ 2% KCL WTR. DRILL OUT GOOD CEMENT FROM 5630 TO 5700' 70' STOP AND CIRC WELL CLEAN AND TEST PERF'S @ 5662' TO 5690' TO 1400# FOR 10 MIN'S (GOOD.) BLED OFF PRESSURE CONTINUE DRILLING CEMENT. C/O TO 5740' FELL OUT OF CEMENT, CIRC WELL CLEAN, TEST WELL BORE TO 1400# FOR 10 MIN'S (GOOD.) (ALL PERF'S TESTED TO 1400#.) RIH TO 5790' CIRC WELL CLEAN. LD 10 JT'S WORKSTRING. WAIT ON TBG TRAILER, EOT @ 5000'. 5:00 PM, SWI SDFN.

04/18/07 LAY DOWN TBG
 Days On Completion: 10
 Remarks: PULL & LAY DOWN 2, 3/8 TBG NIPPLE DOWN BOP NIPPLE UP TREE SDFN

06/30/07 RU ELLENBURG 14, RELOCATING FLARE PIT

07/01/07 CUTTING AND FITTING CHOKE LINE FOR WELD UP, HANGING SHAKER MANIFOLD AND WELDING IN

07/02/07 COMPLETING FLOWLINE TO SHAKER FROM ROTARTY HEAD

07/06/07 DRILLING 4 3/4" HOLE

07/07/07 DRILLING 4 3/4" HOLE

07/08/07 DRILLING 4 3/4" HOLE

07/9/07 DRL F/ 7265' – 7640'. PU NEW BIT & MOTOR. DA @ RPT TIME.

07/10/07 DRILLING 4 3/4" HOLE

07/12/07 TRIPPING OUT OF HOLE W/FISHING TOOLS

07/15/07 DRL F/ 7730' – 7754'. DA @ REPORT TIME.

07/16/07 TOOH, PU NEW BIT & MUD MOTOR

07/17/07 TOOH W/DIRECTIONAL TOOLS, PICK UP NEW PDC BIT AND HUNTING MUD MOTOR, TIH

07/18/07 DRILL AHEAD AT 8204'

07/19/07 DRILL 8084'-8349', MOTOR FAILED AT 8349', CIRC BOTTOMS UP AND POOH W/BHA

07/20/07 DRILLING

07/21/07 POOH W/DRILL PIPE AND BHA

07/22/07 DRILLING @8556'

07/23/07 DRILLING AHEAD @8651'

07/24/07 DRILLING AT 8780'

07/25/07 TIH W/NEW BIT ON 18 3 1/8" DRILL COLLARS

09/04/07 **PICK TBG**
Days On Completion: 1
Remarks: NIPPLE DOWN WELL, NIPPLE UP BOP. TALLY & PICK UP 294 JTS 2 1/16" TBG. TAG PBTB, POOH. NIPPLE DOWN BOP, NIPPLE UP FRAC VALVES. TEST CSG & FRAC VALVES TO 10000# GOOD.

09/05/07 **FRAC**
Days On Completion: 2
Remarks: MIRU CUTTERS & WEATHERFORD TO FRAC
STAGE #1 RIH W/ 2,1/2" GUNS 11 GM .32 HOLES PERF @ 8847'-50' 4 SPF 8942'-46' 4 SPF 8980'-82' 4 SPF 9197'-99' 4 SPF BRK PERF @ 4238# INJ RT 40 BPM INJ PSI 5700# ISIP 3448# FG .82 FRAC W/ 6116# 30/50 SAND + 1816 BBL SLICKWATER MP 7846# MR 44.2 BPM AP 4511# AR 39.2 BPM ISIP 2488# FG .71 NPI 955#

STAGE # 2 RIH SET 10K FLOW THROUGH PLUG # 8224' POOH PICK UP 2,1/2" GUNS RIH PERF @ 8184'-94' 4 SPF BRK PERF @ 4267# INJ RT 49 BPM INJ PSI 6100# ISIP 1968# FG .68 FRAC W/ 23256# 30/50 SAND + 680 BBL SLICKWATER MP 5123# MR 47.4 BPM AP 5254# AR 45.6 BPM ISIP 2655# NPI 687#

STAGE #3RIH W/10K FTCTB SET @ 7936' POOH PICK UP 2,1/2" GUNS RIH PERF @ 7743'-46' 4 SPF 7829'-32' 4 SPF 7901'-06' 4 SPF BRK PERF @ 2358# INJ RT 45 BPM INJ PSI 5650# ISIP 2068# FG .70 FRAC W/ 38229# 30/50 SAND + 1058 BBL SLICK WATER MP 5838# MR 47.9 BPM AP 5519# AR 46.8 BPM ISIP 2359# FG .74 NPI 291#

STAGE #4 RIH SET 10K FTCTB @ 7664' POOH PICK UP 2,1/2" GUNS RIH PERF @ 7624'-34' 4 SPF SDFN

09/06/07 **FRAC**
Days On Completion: 3
Remarks: BRK PERF @ 2334# INJ RT 45 BPM INJ PSI 5600# ISIP 1891# FG .69 FRAC W/ 24600# 30/50 SAND + 722 BBL SLICKWATER MP 8064# MR 46.6 BPM AP 5546# AR 42.4 BPM ISIP 2491# FG .76 NPI 600#

STAGE #5 RIH SET 10K FTCTB @ 6950' POOH PICK UP 2,1/2" GUNS PERF @ 6689'-92' 4 SPF 6718'-22' 4 SPF 6916'-20' 4 SPF BRK PERF @ 1673# INJ RT 44 BPM INJ PSI 4400# ISIP 1599# FG .67 FRAC W/ 33682# 30/50 SAND + 943 BBL SLICKWATER MP 6534# MR 44.5 BPM AP 4511# AR 44.3 BPM ISIP 1677# FG .68 NPI 78#

STAGE #6 RIH SET 10K FTCTB @ 6592' POOH PICK UP 2,1/2" GUNS RIH PERF @ 6406'-11' 4 SPF 6557'-62' 4 SPF BRK PERF @ 1960# INJ RT 44 BPM INJ PSI 4400# ISIP 1393# FG .65 FRAC W/ 28388# 30/50 SAND + 669 BBL SLICKWATER MP 7709# MR 44.3 BPM AP 4535# AR 43.9 BPM ISIP 1320# FG .64 NPI -73

RIH SET 8K CBP @ 6350' RIG DOWN WEATHERFORD & CUTTERS RIH W/ POBS & MILL TAG @ 6350 RIG UP DRILG EQUIP SDFN

09/07/07

DRILL OUT CBP

Days On Completion: 4

Remarks: BRCK CIRC DRILL OUT CBP N@ 6306' 300# KICK RIH TAG FTCTB @ 6592' DRILL OUT PLUG 400# KICK RIH TAG @ 6950' NO SAND NO KICK DRILL OUT FTCTB RIH TAG @ 7664' NO SAND NO KICK RIH TAG @ 7936' NO SAND NO KICK RIH TAG @ 8224' NO SAND NO KICK RIH TAG @ 9330' PULL & LAY DOWN 36 JTS 2,1/16 T BG LAND ON WELL W/ 259 JTS 2,1/16 L-80 TBG EOT 8368' NIPPLE DOWN BOP NIPPLE UP TREE PUMP OFF BIT TRUN WELL TO FLOW BACK CREW RIH DOWN MOVE SDFWE

TBG DETAL

KB	12.00	
HANGER 2,1/16" x 3.5" 1 NIPPLE .04X 2,1/16	1.05	
259 JTS 2,1/16 L-80 TBG		8352.24
SN 1.50"	.79	
1-2X2,1/16 PUP	1.88	
POBS	.67	
EOT	8363.24	
43 JTS BACK TO YARD		

09/08/07 **WELL WENT ON SALES:** @10:00 AM, 1000 MCF, 1300 TBG, 1550 CSG, 20/64 CK, 40 BBWH

09/09/07 **FLOWBACK REPORT:** CP 1800#, TP 1200#, CK 20/64", 20 BWPH, LOAD REC'D 1243 BBLS, LLTR 3545 BBLS

09/10/07 **FLOWBACK REPORT:** CP 1650#, TP 1000#, CK 20/64", 10 BWPH, LOAD REC'D 1571 BBLS, LLTR 3217 BBLS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other
b. Type of Completion: ☐ New ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other DEEPENING

2. Name of Operator

KERR MCGEE OIL & GAS ONSHORE LP

3. Address

1368 SOUTH 1200 EAST VERNAL, UTAH 84078

3a. Phone No. (include area code)

(435)-781-7024

4. Location of Well (Report locations clearly and in accordance with Federal requirements)*

At surface

NE/NE 357'FNL, 861'FEL

At top prod. interval reported below

At total depth

14. Date Spudded

N/A

15. Date T.D. Reached

08/04/07

16. Date Completed

☐ D & A ☒ Ready to Prod.
09/08/07

18. Total Depth: MD
TVD

9503'

19. Plug Back T.D.: MD
TVD

9471'

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

GR
NA CBL, DL, BAS, CPD, CDN, TGL, AISFE

22. Was well cored? ☒ No ☐ Yes (Submit copy)
Was DST run? ☒ No ☐ Yes (Submit copy)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
4 3/4"	3 1/2"	9.3#		9505'		253 SX			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2 3/8"	8363'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	6406'	6920'	6406'-6920'	0.32	54	OPEN
B) MESAVERDE	7624'	9199'	7624'-9199'	0.32	122	OPEN
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material
6406'-6920'	PMP 1612 BBLS SLICK H2O & 62,070# 30/50 SD
7624'-9199'	PMP 4276 BBLS SLICK H2O & 147,258# 30/50 SD

RECEIVED
OCT 24 2007
DIV. OF OIL, GAS & MINING

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/08/07	09/11/07	24	→	0	1,422	120			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 1000#	Csg. Press. 1500#	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
20/64	SI	1500#	→	0	1422	120			PRODUCING GAS WELL

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/08/07	09/11/07	24	→	0	1422	120			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 1000#	Csg. Press. 1500#	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
20/64	SI	1500#	→	0	1422	120			PRODUCING GAS WELL

(See instructions and spaces for additional data on reverse side)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH MESAVERDE	4881' 7518'	7518'			

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 5. Core Analysis | 7. Other: | |

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) SHEILA UPCHEGOTitle SENIOR LAND ADMIN SPECIALISTSignature Date 10/10/2007

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.